BULLETIN

of

Lebanon Valley College

Vol. 5 January, 1917 No. 2

Fiftieth Annual Catalog Number

PUBLISHED BY
LEBANON VALLEY COLLEGE
ANNVILLE, PA.
In November, January, April and May

Entered as second-class matter December 12, 1913, at the Postoffice at Annville, Pa. under the Act of August 24, 1912.

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1917

JANUARY

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FRANKLIN CO. CHI.

1918

JANUARY

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APRIL

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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FRANKLIN CO. CHI.

COLLEGE CALENDAR

1916—1917

Sept. 18-19	Monday-Tuesday	Examination and registration of students.
September 20	Wednesday 9:00 a. m.	College year began.
November 24	Friday	Clionian Literary Society Anniversary.
November 28	Tuesday	Thanksgiving recess began.
December 4	Monday 9:00 a. m.	Thanksgiving recess ended.
December 20	Wednesday 4:00 p. m.	Christmas recess began.
January 3	Wednesday 9:00 a. m.	Christmas recess ended.
Jan. 29-Feb. 2	Monday to Friday	Mid-year examinations.
April 4	Wednesday 4:00 p.m.	Easter recess begins.
April 11	Wednesday 9:00 a.m.	Easter recess ends.
April 13	Friday	Anniversary Kalozetean Literary Society
May 4	Friday	Anniversary Philokosmian Literary Society.
		Senior final examinations.
June 4-8	Monday to Friday	Final examinations.
June 10	Sunday 10:30 a. m.	Baccalaureate sermon.
	7:30 p. m.	Annual address before Christian Association.
June 11	Monday 11:00 a. m.	Annual meeting of Board of Trustees.
	Monday 7:45 p. m.	Exercises by the graduating classes in Music and Oratory.
June 12	Tuesday 7:00 p. m.	Alumni Banquet.
	Tuesday 2:00 p. m.	Class Day exercises.
June 13	Wednesday 10:00 a. m.	Fifty-first annual Commencement.

1917—1918

Sept. 17-18	Monday-Tuesday	Examination and registration of students.
September 19	Wednesday 9:00 a.m.	College year begins.
November 23	Friday	Anniversary Clionian Literary Society.
November 29	Thursday	Thanksgiving Day.
December 19	Wednesday 4:00 p.m.	Christmas recess begins.
January 2	Wednesday 1:00 p.m.	Christmas recess ends.
Jan. 28-Feb. 1	Monday-Friday	Mid-year examinations.
March 27	Wednesday 4:00 p. m.	Easter recess begins.
April 8	Monday 1:00 p. m.	Easter recess ends.
June 9	Sunday 10:30 a. m.	Baccalaureate sermon.
June 12	Wednesday 10:00 a. m.	Fifty-second annual Commencement.

THE CORPORATION

BOARD OF TRUSTEES

Representatives from the Pennsylvania Conference

Rev. A. A. Long, D.D.	York	1919
Rev. A. B. Statton, D.D.	Hagerstown, Md.	1919
W. O. Appenzellar	Chambersbburg	1919
Rev. L. Walter Lutz, D.D.	Chambersbburg	1919
Hon. W. N. McFaul	Baltimore, Md.	1917
John H. Stansbury	Green Mount, Md.	1917
Rev. Wm. H. Washinger, A.M., D.D.	Chambersburg	1917
Rev. J. E. Kleffman, D.D.	Baltimore, Md.	1918
Rev. J. F. Snyder	Boiling Springs	1918
Rev. S. G. Ziegler, A.B., B.D.	Baltimore, Md.	1918
Rev. C. F. Flook	Myersville, Md.	1918

Representatives from the East Pennsylvania Conference

Rev. R. R. Butterwick, A. M., D.D.	Mountville	1919
Rev. E. O. Burtner, A.M., D.D	Palmyra	1919
Isaiah Buffington	Elizabethville	1917
G. F. Breinig	Allentown	1917
I. Moyer Hershey, A.M., B.D.	Myerstown	1917
Hon. Aaron S. Kreider	Annville	1918
Rev. S. E. Rupp, A.M., D.D.	Harrisburg	1918
Rev. J. A. Lyter, A.M., D.D.	Harrisburg	1918
Rev. S. F. Daugherty, A. M., D.D.	Annville	1918
J. Raymond Engle, A.B., LL.B.	Palmyra	1918
Rev. C. E. Mutch	Schuylkill Haven	1918
Rev. H. E. Miller, A. M., D. D.	Lebanon	1919

Representatives from the Virginia Conference

Rev. A. S. Hammack, D.D.	Dayton, Va.	1919
Rev. W. F. Gruver, D.D.	Martinsburg, W. Va.	1919
W. S. Secrist	Keyser, W. Va.	1917
Prof. J. N. Fries, A.M.	Berkeley Spgs., W. Va.,	'17
Rev. A. P. Funkhouser, D.D	Harrisonburg, Va.	1918
Elmer Hodges	Winchester, Va.	1918

Trustees at Large

H. S. Immel	Mountville, Pa.
Warren A. Thomas	31 Miami Av., Columbus, O.
A. J. Cochran	Dawson, Pa.
Jack Straub	Lancaster, Pa.

Alumni Trustees

Rev. F. B. Plummer, A.B., '05	Steelton, Pa.	1916
H. H. Hoy, A.B., '99	Millersburg, Pa.	1917
Prof. H. H. Baish, A.M., '01	Altoona, Pa.	1918

OFFICERS AND COMMITTEES OF THE BOARD

Officers

President - - - - - - - -	Hon. A. S. Kreider
Vice President - - - - - - -	Rev. L. Walter Lutz
Secretary and Treasurer - - - - -	Rev. W. H. Weaver

Executive Committee

Hon. A. S. Kreider — W. H. Washinger
J. R. Engle — A. A. Long
A. S. Hammack

Finance Committee

G. F. Breinig — H. H. Baish
Jack Straub — W. O. Appenzellar
W. F. Gruver

Library and Apparatus Committee

D. M. Oyer — S. F. Daugherty
J. E. Lehman — J. N. Fries

Faculty Committee

A. B. Statton — J. A. Lyter
G. D. Gossard — A. P. Funkhouser

Auditing Committee

J. R. Engle — L. Walter Lutz
W. F. Gruver

Grounds and Buiidings

A. K. Wier — C. F. Flook
W. N. McFaul — W. F. Gruver

Endowment Fund Committee

Hon. A. S. Kreider — W. H. Washinger
A. A. Long — H. H. Baish
S. F. Daugherty

Farm Committee

Hon. A. S. Kreider — W. H. Washinger
Elmer Hodges

Publicity Committee

A. E. Shroyer — H. H. Shenk
J. E. Kleffman — L. Walter Lutz
S. F. Zeigler

FACULTY

GEORGE DANIEL GOSSARD, B.D., D.D.
President

JOHN EVANS LEHMAN, A.M., Sc.D.
Professor of Mathematics and Astronomy

JAMES T. SPANGLER, A.M., D.D.
Professor of Philosophy and History

SAMUEL HOFFMAN DERICKSON, M.S.
Professor of Biological Sciences

ALVIN E. SHROYER, B.D.
Secretary of the Faculty and Professor of Greek and Bible

HENRY E. WANNER, B.S.
Registrar and Professor of Chemistry

LUCY S. SELTZER, A.M.
Professor of German

ROBERT MacD. KIRKLAND, A. M.
Josephine Bittinger Eberly Professor of Latin Language and Literature, and Professor of French
Librarian

SAMUEL O. GRIMM, B.Pd., A.M.
Professor of Education and Physics

EDNA SEAMAN, A.M.
Professor of English

CHRISTIAN R. GINGRICH, A.B., LL.B.
Professor of Economics and Political Science

CHARLES H. ARNDT, A.M.
Acting Professor of Biology

MAY BELLE ADAMS
Professor of Oratory and Public Speaking

ROY J. GUYER, A.B., B.P.E.
Physical Director

FACULTY

EMMA R. SCHMAUK, A.B.
Instructor in French

F. L. STINE, A.B.
Instructor in English and Mathematics

ASSISTANTS

REUBEN W. WILLIAMS
Assistant in Zoology

NETTIE MAY SHOWERS
Assistant in Biology

CHARLES W. GEMMILL
Assistant in Physical Laboratory

JOSEPH J. DONOHUE
Assistant in Chemical Laboratory

SAMUEL F. DAUGHERTY, B.D., D.D.
College Pastor

MRS. VIOLETTE NISSLEY FREED
Matron

ANNA GARMAN
Stenographer

HISTORY OF THE COLLEGE

Lebanon Valley College originated in the action of the East Pennsylvania Conference of the United Brethren Church at its annual session held at Lebanon in March, 1865. Resolutions were passed deciding the question of establishing a higher institution of learning to be located within the bounds of the East Pennsylvania or of the Pennsylvania Conference. One year later the committee appointed recommended in its report: First, the establishment of a school of high grade under the supervision of the Church; second, to accept for this purpose the grounds and buildings of what was then known as the Annville Academy, tendered as a gift to the Conference; and, third, to lease the buildings and grounds to a responsible party competent to take charge of the school for the coming year. School opened May 7, 1866, with forty-nine students. By the close of the collegiate year one hundred and fifty-one were enrolled, thus demonstrating at once the need of such an institution in this locality and the wisdom of the founders.

In April, 1867, the Legislature granted a charter with full university privileges under which a College Faculty was organized with Rev. Thomas Rees Vickroy, Ph.D., as president, and Prof. E. Benjamin Bierman, A.M., as principal of the Normal Department. The same year the Philokosmian Literary Society was organized by the young men, additional land was purchased, and a large brick building erected thereon with chapel, recitation rooms, president's office, and apartments for sixty boarding students. The building was not furnished and fully occupied till the fall of 1868.

The first regular commencement occurred June 16, 1870. About two years later opposition to the school manifested itself and President Vickroy stated in his report to the annual conference that the attendance of students was reduced from one hundred to seventy-five, the cause of this diminution being persistent opposition on the part of certain brethren.

President Vickroy directed the affairs of the institution for five years, from 1866 to 1871. During his administration the charter was prepared and granted by the State Legislature, the laws and regulations for the internal workings framed and adopted, the curriculum established, and two classes—those of 1870 and 1871—were graduated. In June, 1871, Professor Lucian H. Hammond was elected president. During his term of office five classes were graduated, the Clionian Literary Society organized by the ladies, and the College made steady

and substantial progress, but failing health compelled him to resign in June, 1876.

Rev. David D. DeLong, D.D., became the third president. He found it necesary to reconstruct the Faculty and retain but two of the former teachers. The Kalozetean Literary Society was instituted to awaken interest in literary work among the young men by means of a healthy rivalry, and the music department was organized. In the summer of 1883 a large, two-story, frame building was erected on College Avenue, containing art room, music rooms, the department of natural science, a museum and the College library. During his presidency one hundred and seven students were graduated, fourteen in music and ninety-three in the literary department.

After an interregnum of several months Rev. Edmund S. Lorenz, A. M., was elected president and took up the work with energy and ability. Enlargement was his motto and the friends of the College rallied to his support. Post graduate studies were offered. The College Forum made its appearance under the editorship of the Faculty. With a devotion that won the admiration of his friends he labored incesantly for nearly two years to make the College the peer of any in the State, but under this strain his health failed and he was obliged to retire at the close of the collegiate year of 1889.

The fifth president, Rev. Cyrus J. Kephart, D.D., assumed the duties of his office at the opening of the fall term in 1889. He secured creditable additions to the endowment fund, but because of discouraging conditions declined re-election at the close of the first year.

The question of re-locating the College agitated its constituency, divided its friends, and greatly hindered its progress. Some were almost in despair, others were indifferent, while others hoped and waited for the best. Under these conditions the Board of Trustees met in special session July 28, 1890, and called Dr. E. Benjamin Bierman to the presidency. He was inaugurated on the evening of the sixth of November following. Buildings were renovated, a large number of students enrolled and the Mary A. Dodge Fund of ten thousand dollars received, "the interest of which only is to be loaned without charge to such pious young people as the Faculty of the College may deem worthy of help as students." The Silver Anniversary of the College was celebrated June 15, 1892, when money was raised to purchase about three acres of ground to be added to the college campus. With the experience of twenty-five years of earnest effort to combat opposition and overcome errors and misconceived notions of higher education, and to build up an institution of learning creditable to the United Brethren Church, the friends of the College entered upon the second quarter of a century with new hope and aspiration.

President Bierman served successfully until the spring of 1897, when

he was succeeded by Rev. Hervin U. Roop, Ph. D., who held the office till January 1, 1906, after which time the administration was in the hands of the Executive Committee and the Faculty until the election of Rev. A. P. Funkhouser, A.M., March 9, 1906.

The presidency of Doctor Roop stands out as the period when the group system in the College curriculum was introduced, when the athletic field was acquired, when the disastrous fire of December 24, 1904, occurred, sweeping away the Administration Building in a few hours, and when several new buildings arose on the campus—Engle Music Hall 1899, and the Carnegie Library and Women's Dormitory in 1904. The recuperative powers of the institution were put to the test by the destruction of the main building. At a meeting held January 5, 1905, the friends of the College, resolved, amid unusual enthusiasm, to rebuild at once, and with the stimulus of a gift of fifty thousand dollars from Andrew Carnegie, received by the President, who had previously secured twenty thousand dollars from the same source, plans were matured by which to raise one hundred thousand dollars for this purpose. The erection of three new buildings was projected—the Men's Dormitory, the Central Heating Plant, and the new Administration Building, the latter being completed under the supervision of President Funkhouser, whose term of office is marked also by a strenuous effort to meet the debt which rose to almost or altogether ninety thousand dollars. Bonds were issued to the amount of fifty thousand dollars and the co-operative college circles organized to relieve the financial conditions.

Rev. Lawrence Keister, S.T.B., D.D., was elected president of the College, June 10, 1907, at the annual session of the Board of Trustees. He solicited $7,700 for the equipment of the Science Department, secured the Mills Scholarship of one thousand dollars, and the Immel Scholarship of two thousand dollars. The debt effort authorized by the Board, June 3, 1908, was carried forward succesfully, $50,000 having been pledged before January 1, 1909, according to the condition of the pledge which also required the continuation of the canvas to secure another fifty thousand dollars in order to cover the entire debt. At the death of Rev. Daniel Eberly, D.D., July 9, 1910, whose will bears date of September 17, 1909, the College came into possession of property valued at about forty-five thousand dollars, the major portion being given for the endowment of the Latin Chair.

In June, 1912, President Keister presented his resignation to the Board of Trustees and in September the Rev. Dr. George D. Gossard, of Baltimore, Maryland, was elected president. He at once entered upon the duties of his office, to which he brings conscientious devotion and intelligent enthusiasm.

GENERAL INFORMATION

The College is situated in Annville, a progressive and cultured town twenty-one miles east of Harrisburg in the beautiful, healthful, and fertile Lebanon Valley.

BUILDINGS AND GROUNDS

There are seven buildings on the campus, the Carnegie Library, the Engle Music Hall, the Women's Dormitory, the Men's Dormitory, South Hall, the Administration Building, and the Heating Plant.

THE CARNEGIE LIBRARY, a building of the Gothic style of architecture, erected in 1904, furnishes commodious quarters for the growing library of the College.

Two large reading rooms on the first floor, splendidly lighted and ventilated, and beautifully furnished, are provided with the leading magazines and daily papers. Periodicals devoted to the special work of each department are here, as well as magazines of general literature. On the second floor are six seminar rooms designed to be equipped with the special works of reference for the various departments, where students doing the most serious work may study undisturbed.

THE ENGLE MUSIC HALL, of Hummelstown brownstone, erected in 1899, contains the college chapel, used for all large college gatherings, a directors' office and studio, practice rooms, and a large society hall. The building is well equipped with pianos and a large pipe organ.

THE WOMEN'S DORMITORY was erected in 1905, and is a building of beautiful proportions. In addition to rooms which will accommodate forty-five students, there are a society hall, a dining hall, a well-equipped kitchen, and laundry.

THE MEN'S DORMITORY is a modern structure of brick with Indiana limestone trimmings. It contains single and double rooms and sixteen suites of two bed-rooms with a separate study-room. These afford accommodations for more than a hundred students. This building was also erected in 1905.

SOUTH HALL, the original building of the institution, and acquired by gift in 1866, when the College was founded, has been remodelled and is now used as a women's dormitory.

THE HEATING PLANT, erected in 1905, contains a low pressure heating system of the most perfect construction, and supplies the heat for all the buildings on the campus. It is constructed with a view to the installation of a lighting plant.

THE ADMINISTRATION BUILDING is the most important and central of the buildings. It is built of buff brick with terra cotta trimmings, three stories high. It contains the recitation rooms of the College and the laboratories of the science departments. The department of art has here commodious and modern quarters. The administration offices of fireproof construction are on the first floor.

The Alumni Gymnasium occupies the ground floor. Here are provided over seven thousand square feet of floor space for the use of the department of physical culture and the promotion of athletic activities. The gymnasium has, in addition to the gymnasium floor, separate locker rooms for the teams, for the men, and for the girls, an apparatus room, and the usual shower baths.

The campus, of twelve acres, occupies a high point in the center of the town of Annville and is within easy access of all trolley and railroad lines.

The athletic field of five and one-half acres is well located and admirably adapted to the purpose for which it is intended.

LABORATORIES

The entire northern half of the Administration Building is occupied by the Departments of Science. The Department of Chemistry occupies the first floor, Physics the second, and Biology the third.

The laboratories of each department are constructed after the most approved modern methods, and students find everything arranged for their convenience. Stock rooms and special laboratories adjoin the general laboratories. The lecture rooms are provided with risers and Columbia tablet chairs.

RELIGIOUS WORK

The College has always tried to furnish religious training, and encourages all wholesome means of promoting Christian influence. Each morning a regular service is held in the college chapel, at which the students are required to be present.

A students' prayer-meeting is held once a week, and opportunities for Bible study and mission study are offered by the Christian Associations in addition to those afforded by the regular curriculum.

All resident students of the College are expected to attend public worship in churches of their choice every Sunday.

COLLEGE ORGANIZATIONS

Christian Associations The College has flourishing Young Men's and Young Women's Christian Associations, which hold regular weekly devotional services and conduct special courses of Bible and mission study.

Under these auspices numerous public lectures, entertainments, and socials are held, so that they contribute incalculably to the pleasure of the student body. They are the center of the spiritual welfare of the students and deserve the hearty support of all connected with the College.

Literary Societies Excellent opportunities for literary improvement and parliamentary training are afforded by the societies of the College. There are three of these societies—Philokosmian, Kalozetean, and Clionian, the latter sustained by the young ladies. They meet every Friday evening in their well-furnished halls for literary exercises. These societies are considered valuable agencies in college work, and students are adivsed to unite with one of them.

Athletic Association The Athletic Association is composed of all the students of the College. It elects its own officers and the managers of the various athletic teams. The direct supervision of all athletics is in the hands of the Physical Director and the College Administration Office. The treasurer of the College is the treasurer of the Association.

The Mathematical Round Table The Mathematical Round Table is an organization of the students of the College who are interested in mathematical studies. Its object is to create interest in and love for the "exact science." Its meetings are held on the last Wednesday evening of each month. Papers on mathematical history and biography are read and discussed. Current events in the mathematical world and papers on various mathematical subjects have made the meetings very interesting and helpful.

Deutscher Verein The German Club has been organized by the students of the College who are especially interested in the study of the German language. Its meetings are held the third Wednesday of every month. Papers familiarizing the students with Germany, its life, customs, and literature are read. The meetings are conducted entirely in German. As a means of increasing conversational powers, German games are introduced as an important part of the program.

College Band A College band has been organized among the students of the college. Any student with sufficient musical ability may become a member of this organization.

LITERARY AND MUSICAL ADVANTAGES

During the college year, the student body has the privilege of hearing lectures and talks delivered by men of note in church and literary circles.

The department of music together with the department of public speaking presents a number of programs during the year. Concerts and recitals by prominent musicians are given under the patronage of the Department of Music with the aim of creating in the student an appreciation for the best in art.

There is a lively interest in the drama. Various college organizations have presented Shakespearean and other plays of a high grade.

A further means of enjoyment and education is the course of lectures and concerts under the management of the Christian Associations of the College.

ADMINISTRATION

Advisers The following are the advisers for the students in each of the four groups in which courses of instruction are offered: For the Classical group, Professor Shroyer; for the Science group, Professor Derickson; for the Historical-Political, Professor Gingrich; for the Modern Language, Professor Seaman; Professor Spangler is adviser to all Freshmen. The adviser's approval is necessary before a student may register for or enter upon any course of study, or discontinue any work. He is the medium of communication between the Faculty and the students of his groupp, and in a general way stands to his sudents in the relation of a friendly counselor.

Discipline The laws of the College are as few and simple as the proper regulation of a community of young men and women will permit. The government of the dormitories is under the immediate control of the student councils, committees of students, authorized by the College authorities.

Classification Every student residing in the dormitory must take at least fifteen hours of work as catalogued. Any student failing to pass eight (8) hours of work at the close of each semester will be required to withdraw from the institution.

The maximum number of hours, conditioned, permitted for senior standing is four; for junior standing, six; for sophomore standing, seven; for freshman standing, six.

The permitted number of extra hours of work above that prescribed by the curriculum is limited by the student's previous record, as follows:

(a) Majority of A's—four hours.

(b) Majority of B's—two hours.

(c) Lower record than majority of B's—no extra hours.

No student will be given credit for more than twenty-two (22) hours in any twelve months.

Credits for work done in other institutions for which advanced standing is desired must be submitted to the committee on College Credits and a copy filed with the Registrar.

Class Standing Reports of standing will be made to parent or guardian at the end of each term when desired by them, or when the Faculty deems it expedient. The standing is indicated generally by classification in six groups, as follows:

A signifies that the record of the student is distinguished.

B signifies that the record of the student is very good.

C signifies that the record is good.

D signifies the lowest sustained record.

E (conditioned) imposes a condition on the student.

Failing to make up a condition at an appointed time is equal to a record of F.

F (failed completely) signifies that the student must drop or repeat the subject, and cannot be admitted to subjects dependent thereon.

If the student's record as a whole is poor, he may be required to repeat certain subjects, to repeat the year's work, or to withdraw.

Admission Students wishing to enter Lebanon Valley College must present credits from high schools, normal schools and academies at the time of matriculation. Blanks for such credits may be had on application to the Registrar.

Registration The registration days are as follows: September 17, 18 and 19, and Thursday, January 31, and Friday, February 1, preceding the opening of the second semester. Students registering later than the days specified will be chargd a fee of one dollar.

Registration is not complete until the Registrar has affixed his signature to the matriculation card and a copy of same has been filed with the Registrar.

Absences A student may be absent from class, without excuse, during a semester, the number of times the class meets each week. Should he be absent once beyond double the number of times the class meets each week, he will be required to take a special examination, for which a fee of one dollar will be charged. Such ex-

amination must be taken within a week of the excess absence; otherwise the student will lose his class standing. Absences immediately preceding or following vacations will be counted double cuts.

Chapel All students are required to attend the morning chapel service. Failure to attend will be ground for action by the Faculty upon recommendation of the Committee on Chapel Attendance.

Limitation Students are limited to two of the following college activities: Quittapahilla, Glee Club and Plays, Foot Ball, Basket Ball and Base Ball.

No games between college organizations may be engaged in, during study hours, except by permission of the Faculty.

Degree and Diploma The degree of Bachelor of Arts or Bachelor of Science is conferred, by a vote of the Board of Trustees on recommendation of the Faculty, upon students who have satisfactorily completed sixty-nine hours of work in any of the groups.

Graduate Work Since all its members are fully occupied with undergraduate work, the Faculty deems it unwise to offer any work for the degree of Master of Arts during the coming year. In rare cases sufficient resident work upon certain advanced courses may be outlined. But as special action would be required in each case, no detailed announcement can be made here. All inquiries about graduate work should be address to the President.

SCHOLARSHIPS AND LOANS

The College offers a limited number of one hundred and forty dollar free tuition scholarships to honor graduates of State Normal Schools and approved High Schools and Academies. One scholarship is allotted to the first honor graduate of our own Academy.

The College also offers a one hundred and forty dollar scholarship to a literary graduate of Shenandoah Collegiate Institute, Dayton, Va. The recipient of that scholarship will be determined by the Faculty of this institution.

Graduates of High Schools and Academies whose standard is not equal to that of our own Academy, may enter the senior year of the Academy and become competitors for our own Academy scholarship.

BOYS' DORMITORY

Honor graduates of preparatory schools who have conditions may be allowed to make them up in the freshman year. If the first semester's work shows a majority of A's and nothing less than B in all work including conditions, a scholarship may be awarded.

The Bishop J. S. Mills Scholarship Fund

This fund, established by a gift of $1,000, is available.

The H. S. Immel Scholarship Fund

This fund, established by a gift of $2,000, is available "for young men in college who are preparing for the ministry in the Church of the United Brethren in Christ."

The Eliza Bittinger Eberly Fund

This fund consists of the income of a farm located near East Berlin, Adams County, Pa.

The Daniel Eberly Fund

This fund is available and is to be loaned to worthy students seeking an education in college.

The Rev. H. C. Phillips Scholarship Fund

This fund established by a gift of $1,300 in memory of Rev. H. C. Phillips, given by his wife and daughter is available for young men preparing for the ministry.

The Mary A. Dodge Fund

The income from this fund is loaned to worthy students.

The Charles B. Rettew Scholarship

This scholarship in Bonebrake Theological Seminary is limited to students from the East Pennsylvania Conference and Lebanon Valley College.

The Dr. Henry B. Stehman Fund

This fund has been provided by Dr. Henry B. Stehman to help needy ministerial students.

The Executive Committee shall make scholarship awards.

The S. F. Engle Scholarship Fund

Mrs. Agnes B. Engle of Palmyra, Pa., gave to the College $1,300, in memory of her husband, to be known as the S. F. Engle Scholarship Fund.

EXPENSES

Matriculation	$12.00
Tuition, (College	70.00
Tuition, (Academy)	50.00

Matriculation

The Matriculation fee in both the College and Academy is $12.00. This fee is not subject to refund, nor is there any rebate allowed to College and Academy students.

Special students who take less than half work in the regularly appointed classes, or any student who takes work outside of regular recitation periods either in the College or Academy, is required to pay matriculation according to the number of studies taken.

Oratory and Art students who are not matriculated in the College are required to pay an enrollment fee of one dollar each.

Matriculation for Music ranges from one dollar to eight dollars. No additional fee is required for music from students who have matriculated full for College or Academy.

Tuition

For twenty hours or less in the College the annual tuition is $70.00. $2.06 per semester is charged for each additional hour of work taken in regular classes, or for each hour for which credit is allowed, of semester work taken outside of regular college recitation periods. Credit can be allowed only when the work has been taken under instructors approved by the Executive Committee.

The tuition in the Academy is $50.00 for twenty-four or less, hours of work taken; for each additional hour per semester, $1.25. For all credit allowed for work taken outside of regular recitation periods, $1.25 per semester hour will be charged.

Ministers' children in the college and academy departments are entitled to a rebate on full tuition of $32.50 and $25.00 respectively. Scholarships do not cover the tuition for extra work taken.

Laboratory Fees

To cover the cost of materials used in the Laboratories, the following fees are charged:

	First Semester	Second Semester
Biology 1	3.00	3.00
Biology 2	6.00	6.00
Biology 3	6.00	6.00
Biology 4	6.00	6.00
Biology 5	6.00	6.00

Chemistry 1	7.00	7.00
Chemistry 2	7.00	7.00
Chemistry 3	7.00	7.00
Chemistry 4	6.00	6.00
Chemistry 5	10.00	10.00
Physics 1	5.00	5.00
Physics 2 and 3	3.50	3.50

All breakage will be charged against the student in each department. There will be no refund of laboratory fees. If chemicals and laboratory supplies continue to advance in price there will be a corresponding increase in the laboratory fees.

Boarding

The Domestic Department is in charge of a skilled and competent chef. Plain, substantial and palatable food especially adapted to the needs of the student is provided. The kitchen is furnished with the most modern equipment and all the food is prepared in the most sanitary and satisfactory manner.

The boarding rate for the school year 1917-18 is $155.00. Day students may obtain meal tickets at the rate of ten meals for $3.50, if paid in advance, and all extra meals taken by five-day students or meals taken by friends of students at 35 cents each. A rebate of forty dollars is allowed for five-day students. These rates do not include Thanksgiving, Christmas and Easter vacations.

If foodstuffs continue to advance in cost, there will be a corresponding increase in boarding rates.

All students who do not room and board at their homes are required to room and board in the college unless special permission be obtained from the Executive Committee to do otherwise.

Room Rent

Room-rent varies from $15.00 to $60.00 except when double rooms are assigned to only one student, then the occupant will pay the regular rent for two. For Heat and Light $6.00 to $9.00 will be charged. A deposit fee of $5.00 is required when a room is reserved. This fee will be deducted from the second half year's payment.

When five or more day students occupy one room, then the rate to each occupant is $22.50 and must be paid at the opening of the school year, and there will be no refund.

One light fixture is installed permanently in every dormitory room. For every additional light temporarily installed, there will be an extra charge of $3.00 to the occupants of the room. Only 40 watt lamps are allowed. One lamp is furnished free at the opening of school.

A breakage fee of $5.00 will be charged each student in the Men's Dormitories. Occupants of a room are held responsible for all breakage and loss of furniture or any loss whatsoever for which the student is responsible.

In the Men's Dormitories rooms will be furnished with a bed, chairs and table. Students must furnish their own mattresses, carpets, towels, napkins, soap and all other necessary furnishings. Students may buy mattresses at cost from the College.

Contingent Fund

All College students are required to pay a contingent fee of $20.00 and Academy students $10.00. This is to help cover the high cost of coal, equipment and the greatly increased general expenses.

Estimated Expenses

The maximum expense for a full course in L. V. C. for one year, exclusive of laboratory fees, books and personal expenses, is $331 for men and $326 for women. The minimum expense for men is $281, for women $276.00.

A rebate of $26.00 will be allowed to students receiving no other aid when the entire amount is paid at the opening of school. The minimum therefore for cash will be $255.00 for men and $250.00 for women.

A rebate of $5.00 will be allowed to day students when the full tuition is paid at the opening of school.

Graduation Fee

Sixty days prior to Commencement, candidates for degrees are required to pay the following fees:

Students graduating in the College 12.00; in Music $10.00; in the Academy $5.00; those receiving certificates in Oratory, Art or Music, $5.00 each.

REGULATIONS

Matriculation fee must be paid at the time of enrollment.

Laboratory fees must be paid at the beginning of each Semester.

The regular College or Academy expenses which include Tuition, Room Rent and Boarding are divided into four installments; one-fifth is due Sept. 20th, one-fifth, Nov. 1st, three-tenth, Jan. 3d, and three-tenth March 25th.

When a student leaves school or the boarding hall for any other reason than sickness, he shall pay in full the bill as rendered for the semester, without any rebate or refund, except when ordered otherwise by the Executive Committee of the College.

Satisfactory settlement for all bills and fees is required before an honorable dismissal can be granted and before grades are recorded or given to the student.

Students who are candidates for Diplomas or Certificates must make full settlement entirely satisfactory to the Executive Committee before diplomas or certificates will be sealed and delivered.

Five per cent. will be added to all bills when payment is deferred more than thirty days after the bills are due and 10 per cent. after more than sixty days. Students who do not pay their bills will be dropped from the student list.

ABSENCE AND SICKNESS

When students retain their class standing during absence from school because of sickness or for any other reasons, no rebate or refund will be allowed on tuition.

In case of sickness which occasions loss of class standing, a reasonable rebate or refund will be allowed on tuition.

When a student is absent from school more than two weeks in succession because of sickness, and retains his room during the time of absence, then a rebate of $4.00 per week will be allowed for all absence exceeding the two weeks. Reductions cannot be allowed for athletic, Glee Club or banquet trips.

AID TO STUDENTS

Help is extended annually to a limited number of students, but only to those pursuing full courses in the College or in the Academy. This help is given in the form of Merit Scholarships, Ministerial Scholarships, Waiterships, Janitorships, Tutorships or Library work. All of this help is extended or given only upon the condition that the recipient proves loyal to the school and complies with all the rules and regulations of the College.

A student forfeits the privilege of a scholarship or other help from the school when his average grade falls below passing standards or when in any way he refuses to co-operate with the college, or when he disregards the regulations of the institutions.

Students rooming in Dormitories and boarding at the College Dining Hall will be given preference when work of various kinds is assigned.

Outline of Requirements for Admission to Groups leading to the Bachelor of Arts Degree

The following is an outline of the requirements for admission to the Freshman class of Lebanon Valley College. A detailed description of the courses indicated in this outline appears in the catalog of the College. An aggregate of fifteen units must be offered by the candidate for admission. Of these eleven and one-half units are required as specified and three and one-half units may be elected.

A unit represents the work of a school year of no less than thirty-six weeks, with five periods of at least forty-five minutes each week, or four periods of one hour each per week. A unit therefore, is the equivalent of one hundred and eighty recitation periods of forty-five minutes each, or one hundred and forty-four periods of one hour each.

Group I English	English		Three units required.
GROUP II Mathematics	Elementary Algebra	1 unit	Two and one-half units required, one of which must be Plane Geom.
	Intermediate Algebra	½ unit	
	Plane Geometry	1 unit	
	Solid Geometry	½ unit	
	Plane Trigonometry	½ unit	
GROUP III Foreign Languages	Latin	4 units	Five units required, three of which must be Latin.
	German	2 units	
	French	2 units	
	Greek	2 units	
GROUP IV Physical Sciences	Physical Geography	½ or 1 unit	Physics required. Chemistry required only for students intending to take Science Group
	Physics	1 unit	
	Chemistry	½ or 1 unit	
GROUP V Biological Sciences	Botany	1 unit	Elective.
	Zoology	1 unit	
	Physiology	1 unit	
GROUP VI History, Etc.	Greek and Roman	1 unit	One unit required.
	Mediæval and Modern	1 unit	
	English	1 unit	
	Civics	½ unit	
	Economics	½ unit	
GROUP VII	Drawing	½ or 1 unit	One unit only may be elected.
	Domestic Science	½ unit	
	Agriculture	½ unit	
	Bookkeeping	½ unit	
	Commercial Law	½ unit	
	Commerical Geography	½ unit	
	Psychology	½ unit	
	Methods of Teaching	½ unit	

In case the requirements of a given Group are not fully met by the fifteen units elected, the studies necessary for such requirements must be taken in place of an elective in the regular college course. For example, if a student presents three units of Latin and two of German for admission to a Group requiring four units of Latin, he must include in his college course the equivalent of the fourth unit of Latin.

Outline of Requirements for Admission to Groups leading to the Bachelor of Science Degree

The following is an outline of the requirements for admission to the Freshman class of Lebanon Valley College. A detailed description of the courses indicated in this outline appears in the catalog of the College. An aggregate of fourteen and one-half units must be offered by the candidate for admission. Of these twelve units are required as specified and two and one-half units may be elected.

A unit represents the work of a school year of no less than thirty-six weeks, with five periods of at least forty-five minutes each per week, or four periods of one hour each per week. A unit therefore, is the equivalent of one hundred and eighty recitation periods of forty-five minutes each, or one hundred and forty-four periods of one hour each.

GROUP I English	English	3 units	Three units required.
GROUP II Mathematics	Elementary Algebra	1 unit	Three units required, one-half unit of which must be Solid Geometry.
	Intermediate Algebra	½ unit	
	Plane Geometry	1 unit	
	Solid Geometry	½ unit	
	Plane Trigonometry	½ unit	
GROUP III Foreign Languages	Latin	4 units	Two units required.
	French	3 units	
	German	3 units	
	Greek	3 units	
GROUP IV Physical Sciences	Physics	1 unit	Two units required.
	Chemistry	1 unit	
GROUP V Biological Sciences	Botany	1 unit	One unit required.
	Zoology	1 unit	
GROUP VI History, Etc.	Greek and Roman	1 unit	One unit required.
	Mediaeval and Modern	1 unit	
	English	1 unit	
	Civics	½ unit	
	Economics	½ unit	
GROUP VII	Physiology	1 unit	Two and one-half units may be elected.
	Physical Geography	½ unit	
	Drawing	½ or 1 unit	
	Domestic Science	½ unit	
	Agriculture	½ unit	
	Bookkeeping	½ unit	
	Commercial Law	½ unit	
	Commercial Geography	½ unit	
	Psychology	½ unit	
	Methods of Teaching	½ unit	

DESCRIPTION OF COURSES

Candidates for admission should note carefully the following description of courses.

ENGLISH

Three Units Required

A thorough course in Advanced English Grammar, and a systematic course in English Composition and in the essentials of Rhetoric is required of all students. In addition to this and following the recommendations of the Conference on Uniform Entrance Requirements in English, books are prescribed for reading and practice, and for study and practice as follows:

a. Reading and Practice—1916. Two units.

Group I. (Two to be selected.) The *Old Testament,* comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey,* with the omission, if desired, of Books, I, II, III, IV, V, XV, XVI, XVII; the *Iliad,* with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Aeneid.* The Odyssey, Iliad, and Aeneid should be read in English translations of recognized literary excellence. For any unit of this group a unit from any other group may be substituted.

Group II. (Two to be selected.) Shakespeare's *The Merchant of Venice, Midsummer Night's Dream, As You Like It, Twelfth Night, Henry the Fifth, Julius Caesar.*

Group III. (Two to be selected.) Defoe's *Robinson Crusoe, Part I,* Goldsmith's *Vicar of Wakefield,* either Scott's *Ivanhoe* or *Quentin Durward,* Hawthorne's *The House of the Seven Gables,* either Dickens' *David Copperfield* or *A Tale of Two Cities,* Thackery's *Henry Esmond,* Mrs. Gaskill's *Cranford;* George Eliot's *Silas Marner,* Stevenson's *Treasure Island.*

Group IV. (Two to be selected.) Bunyon's *Pilgrim's Progress, Part I.,* the *Sir Roger de Coverley Papers* in the *"Spectator,"* Franklin's *Autobiography* (condensed), Irving's *Sketch Book,* Macaulay's *Esays on Lord Clive* and *Warren Hastings,* Thackeray's *English Humorists, Selections* from Lincoln, including at least the two inaugurals, the speeches in Independence Hall and at Gettysburg, the *Last Public Address* and *Letter to Horace Greeley,* along with a brief memoir or estimate, Parkman's *Oregon Trail,* either Thoreau's *Walden* or Huxley's *Autobiography* and selections from *Lay Sermons* including the address on *Improving Natural Knowledge, A Liberal Educa-*

tion, and *A Piece of Chalk,* Stevenson's *Inland Voyage* and *Travels With a Donkey.*

Group V. (Two to be selected.) Palgrave's *Golden Treasury* (First Series) *Books II* and *III,* with special attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village,* Coleridge's *Ancient Mariner* and Lowell's *The Vision of Sir Launfal,* Scott's *The Lady of the Lake,* Byron's *Childe Harold, Canto IV,* and *The Prisoner of Chillon,* Palgrave's *Golden Treasury* (First Series) Boook IV, with special attention to Wordsworth, Keats and Shelley, Poe's *The Raven,* Longfellow's *The Courtship of Miles Standish,* and Whittier's *Snow Bound,* Macaulay's *Lays of Ancient Rome,* and Arnold's *Sohrab and Rustum,* Tennyson's *Gareth and Lynette, Lancelot and Elaine,* and *The Passing of Arthur,* Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incidents of the French Camp, Herve Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.*

b. Study and Practice— (One unit) Shakespeare's *Macbeth,* Milton's *L'Allegro, Il Penseroso* and *Comus,* Burke's *Speech on Conciliation with America,* or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration,* Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns.*

MATHEMATICS

a. Elementary Algebra, Algebra to Quadratics—One unit.

1. The four fundamental operations.
2. Factoring, determination of highest common factor and lowest common multiple by factoring.
3. Linear equations, both numerical and literal, containing one, two, and three unknowns.
4. Problems depending on linear equations.
5. Radicals and the extration of the square root of polynomials.
6. Fractional and negative exponents.

b. Quadratics and Beyond— One-half unit.

1. Quadratic equations, both numerical and literal.
2. Problems depending on quadratic equations.
3. The binomial theorem for positive integral exponents.
4. The formulas for the nth term and the sum of the terms of arithmetical and geometrical progressions.
5. Numerous problems chosen from mensuration, from physics, and from commercial life.

The equivalent of Hawke's and others.
High School Algebra complete.

c. Plane Geometry— One unit.

1. The usual theorems and constructions.
2. The solution of numerous exercises, including problems of Loci.
3. The equivalent of Durell's Plane Geometry.

d. Solid Geometry— One-half unit.

1. The usual theorems, the properties and measurement of prisms, pyramids, cylinders, and cones, the sphere and spherical triangle.
2. Applications to the mensuration of surfaces and solids.

e. Trigonometry—One-half unit.

1. Definitions and relations of the six trigonometric functions as ratios, circular measurements of angles.
2. Proofs of the principal formulas, and the transformation of trigonometric expressions by means of these formulas.
3. Solution of trigonometric equations.
4. The theory and use of logarithms.
5. The solution of right, oblique, and spherical triangles with applications.

LATIN

Latin a—Three units.

A systematic course of five lessons a week extending over a period of three years is required.

The real test of the candidate's fitness is based upon his ability to read simple Latin prose, to explain constructions and idioms, and to turn simple Latin sentences into prose.

He should have studied grammar, elementary prose composition, 90 to 120 pages of *Nepos* (Lives) and *Caesar* (Gallic and Civil wars); also about 40 pages of *Cicero* and the first four books of Virgil or its equivalent in Latin poetry.

Latin b—One unit (optional).

Virgil and *Ovid,* 6,000 to 10,000 verses or other equivalents not read in Latin A.

GREEK

Greek 1—One unit.

The equivalent of *White's First Greek Book.*. Five recitations a week for at least thirty weeks. The candidates shall have read the equivalent of about eight chapters of *Anabasis* and show a knowledge of ordinary forms.

Greek 2— One unit.

At least the first four books of the *Anabasis* together with the ability to turn short sentences into Greek.

Greek 3— One unit.

The translation at sight of Attic prose and of Homer, constructions, idioms and prosody and the ability to translate a short passage of connected English narrative is required.

GERMAN

a. Elementary German— Two units.

During the first year the work should comprise:

1. Careful drill on pronunciation.
2. Drill on the rudiments of grammar.
3. Abundant easy exercises in reproduction and memory work.
4. The reading of 75 to 100 pages of graduated texts from a reader.

During the second year the work should comprise:

1. The reading of 150 to 200 pages of literature in the form of easy stories and plays.
2. Reproduction practice as before, both oral and written.
3. Continued drill on the rudiments of grammar.

Suitable stories and plays are as follows:

Wilhelmi's *Einer muss heiraten,* Bacon's *Im Vaterland,* Anderson's *Maerchen,* Leander's *Traeumereien,* Heyse's *L'Arrabbiata,* Hillern's *Hoher als die Kirche,* Storm's *Immensee,* Zschokke's *Der Zerbrochene Krug,* Stoekl's *Unter dem Christbaum,* Baumbach's *Der Schwiegersohn.*

b. Intermediate German— One unit.

The work should comprise, in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry together with constant drill in reproduction and grammatical drill, with special reference to the infinitive and the subjunctive.

Suitable reading matter can be selected from the following:

Freytag's *Die Journalisten,* Fouque's *Undine,* Goethe's *Hermann und Dorothea,* Lessing's *Minna von Barnhelm,* Schiller's *Der Neffe als Onkel, Wilhelm Tell, Die Jungfrau von Orleans* and others prescribed by the College Entrance Examination Board.

FRENCH

a. Elementary French—Two units.

The applicant should be able to pronounce French accurately, to turn simple English sentences into French and to answer questions on the rudiments of grammar.

The first year's work should comprise the rudiments of grammar, the reproduction of natural forms of expression and the reading of 100 to 175 duodecimo pages of graduated texts.

During the second year the work should comprise:

1. Constant practice in translating into French easy variations upon the texts read.

2. Frequent oral abstracts.

3. The mastery of the use of pronouns, pronominal adjectives, of all but the rare, irregular verb forms and the simpler uses of the conditional and the subjunctive.

4. The reading of 400 to 500 pages of easy, modern prose in the form of stories, plays, or historical or biographical sketches.

Suitable texts for the second year are:

About's *Le roi des montagnes,* Bruno's *Le tour de la France,* Mairet's *Latache du petit Pierre,* Merimee's *Colombab,* Legouve and Labiche's *La cigale chez les fourmis,* Le Bedolliere's *La Mere Michel et son chat.*

b. Intermediate French—One unit.

1. Constant practice in French paraphrasing.

2. Grammar in modern completeness.

3. Writing from dictation.

4. The reading of from 400 to 600 pages from suitable texts such as the following:

Corneille's *Le Cid,* Sandeau's *Le gendre de M. Poirier,* Daudet's *La Belle-Nivernaise,* Racine's *Athalie, Andromaque* and *Esther,* George Sand's plays and stories, Sandeau's *Mademoiselle de la Siegliere,* and others.

PHYSICS

Elementary Physics—One unit.

1. The study of a standard text book as Carhart and Chute's *High School Physics,* or Milikan and Gale's *A First Course in Physics.*

2. Lectures and table demonstrations.

3. Individual laboratory work consisting of at least 30 experiments as required by the College Entrance Examination Board.

4. The course should include the following fundamental topics:

a. Introduction, Metric system, volume, density, weight and states of matter.

b. Mechanics, fluids, and solids.

c. Heat.

d. Sound.

e. Light.

f. Magnetism.

g. Static Electricity.

h. Current Electricity.

The applicant must also present an approved laboratory note book of experiments performed, together with a certificate from the teacher of Physics stating the exact character and amount of work done under his supervision.

BOTANY

Elementary Botany—One unit.

PART I. The General Principles of (a) Anatomy and Morphology, (b) Physiology, and (c) Ecology.

a. Anatomy and Morphology.

The seed, the shoot, specialized and metamorphosed shoots, the root, specialized and metamorphosed roots, the flower, the comparative and morphological study of four or more types, the fruit and the cell.

b. Physiology.

Roll of water in the plant, photosynthesis, respiration, digestion, irritability, growth, and fertilization.

c. Ecology.

Modifications, dissemination, crosspollination, light relations of green tissue and special habitats.

PART II. The natural history of the plant groups and classification·

A comprehensive study of the great natural groups of plants. Selections may be made from the following:

a. Algae. Pleurococus, Sphaerella, Spirogyra, Vaucheria, Fucus, Nemalion.

b. Fungi. Bacteria, Rhizopus or Mucor, Yeast, Puccinia, Corn Smut. Mushroom.

c. Lichens. Physcia (or Parmelia or Usnea).

d. Bryophytes. In Hepaticae, Radula and in Musci, Mnium.

e. Pteridophytes. In Filicineae, Aspidium, or equivalent, including the prothallus. In Equesetinae, Equisetum. In Lycopodineae, Lycopodium, and Selaginella.

f. Gymnosperms. Pinus or equivalent.

g. Angiosperms. A monocotyledon and dicotyledon.

The applicant shall present a certified note-book of individual lab-

oratory work of at least double the amount of time given to recitation. Special stress should be laid on accurate drawings and precise descriptions.

ZOOLOGY

Elementary Zoology—One unit.

1. The general natural history—including general external structure in relation to adaptations, life histories, geographical range, relations to other plants and animals, and economic relations—of common vertebrates.

Suggested types are a mammal, bird, lizard, snake, turtle, newt, frog, dogfish or shark, bony fish, clam, snail, starfish, earthworm, hydra, sea anemone, paramoecium.

Pupils should be familiar with orders of insects or with crustaceans, spiders and myriapods.

Actual examination of common animals with the above should be supplemented by reading giving natural history information.

Laboratory work required.

Certified note-books should be presented.

In general, the work as outlined by the College Entrance Examination Board will be accepted.

CHEMISTRY

Elementary Chemistry— One unit.

The candidate's preparation should include:

1. Individual laboratory work, comprising at least forty exercises from a list of sixty or more as outlined by the College Entrance Examination Board.

2. Instruction by lecture-table demonstrations, to be used mainly as a basis for questioning upon the general principles involved in the pupil's laboratory investigations.

3. The study of at least one standard text-book, to the end that the pupil may gain a comprehensive and connected view of the most important facts and laws of Elementary Chemistry. Brownlee and Others *Principles in Chemistry* or its equivalent is required.

HISTORY

History a— One unit.

Ancient History, with special reference to Greek and Roman history, including also a brief study of the ancient civilization and bringing the study down to the death of Charlemagne.

History b— One unit.

Mediæval and Modern History, from the death of Charlemagne to the present time.

History c— One unit.
English History.

History d—One unit.
American History and Civics.

GEOGRAPHY

Physical Geography—One unit.

a. The Earth as a Globe.

b. The Ocean.

c. The Atmosphere—including weather instruments and the United States Weather Map.

d. The land.

e. Volcanoes.

f. Rivers.

g. Glaciers.

h. Relation of man, plants, and animals to climate, land forms, and oceanic areas.

A note-book certified to by the teacher in charge is required in all cases for one unit. . Otherwise one-half unit only may be offered.

DRAWING

Free-hand Drawing—One unit.

1. The applicant must be able to sketch with fairly steady and clean lines any figures or combinations of figures, polygons, spirals, or the like.

2. He shall be able to sketch common objects such as furniture and utensils with reasonable accuracy and correctness of proportion.

3. Also to sketch from copy, enlarging or reducing dimensions, any simple object, such as a valve or title pattern.

A note-book with drawings both approved and certified to by the teacher must be presented in order to receive credit.

Schedule of Lectures and Recitation Hours

	Monday	Tuesday	Wednesday	Thursday	Friday
8:00	German 2 Mathematics 1 & 2 (c) French 1 (a)	Greek 1 Chemistry 1(a) French 1(a) English6&7 German 2 History 3 Mathematics 1 and 2(c)	Greek 1 French 1 (a) German 2 Mathematics 1 and 2(c) English 5 Education 3	Greek 1 English 6 and 7 Mathematics 1 & 2 (c) History 3 Chemistry 1 (a) Biology 2	Greek 1 English 5 Physics 1 Chemistry 4 History 1
8:45	Chapel				
9:00	Bible 1 German 1 (a) Mathematics 1 & 2 (b) History 4 English 3 (a) Biology 2	Bible 1 English 2 English 5 Mathematics 1 and 2(b) Economics 1 and 2 Biology 2	Latin 3 and 4 German 1 (a) English 4 Mathematics 1 and 2(b) History 4 Physics 2	Latin 3 and 4 Economics 1 and 2 German 3 Mathematics 1 and 2 (b) Biology 5	Latin 3 and 4 German 1 (a) English 2 Chemistry 5 History 4
10:00	Latin 1 and 2 Chemistry 2 and 3 Biology 1 (a) Economics 3 Education 3	Philosophy 3 and 4 Chemistry 1 (b) Latin 1 and 2 Biology 1 (b) Bible 3 and 4	Philosophy 5 Latin 1 and 2 English 2 Mathematics 3 Biology 1 (a)	Mathematics 3 Bible 3 and 4 History 1 German 1 Chemistry 1 (b) Education 3	Philosophy 5 Mathematics 3 German 1 (c) History 1
11:00	Greek 2 Philosophy 1 and 2 German 1 (b) History 5 & 6 English 1 (a) Physics 2 Chemistry 4 Geology	Greek 2 Philosophy 1 and 2 German 1 (b) English 1 (a) Physics 2 Geology	Greek 2 Philosophy 1 and 2 English 1 (b) German 1 (c) Mathematics 7 Biology 5 Geology	English 2 English 1 (b) German 1 (b) Economics 3 Chemistry 5 History 2 Education 1 and 2	Biology 1 (b) History 2 Education 1 and 2
1:00	Greek a English 1 Physics 1	Greek a Physics 1 English 3 (a)	Greek 9 Mathematics 4 and 5 Latin 5	Greek a German 1 (c) Mathematics 4 and 5	Greek 3 German 3 Mathematics 4 and 5 Philosophy 3 and 4
2:00	Greek 3 Education 1 and 2 English 4 Mathematics 1 and 2 (c) French 1 (c)	Greek 3 English 3 (b) Mathematics 1 and 2(c) French 1 (c)	English 3 (b) Economics 1 and 2	English 4 Mathematics 1 & 2 (c) French 1 (c)	English 4 Mathematics 1 and 2(c)
3:00	Latin 5 German 5 Astronomy Mathematics 7	Greek 5 French 1 German 5 Mathematics 7 Astronomy	Astronomy French 1 German 5	Greek 5 French 1 German 5	

Outline of Courses

Courses aggregating 69 hours in any group required for graduation. For fuller description of courses see pages 37, 52.

FRESHMAN

	Group I		Group II		Group III		Group IV	
	Classical		*Science*		*Historical-Political*		*Modern Language*	
		HOURS		HOURS		HOURS		HOURS
First Semester	Greek 1	3	Mathematics 1.	1	Bible 1	2	English 1	2
	Latin 1a	3	English 1	2	English 1	2	English 2	1
	Mathematics 1	4	English 2	1	English 2	1	German 1	3
	English 1	2	German 1	3	German 1	3	French 1	3
	English 2	1	French 1	3	French 1	3	Latin 1a	3
	French 1, or German 1,	3	Bible 1	2	Mathematics 1	4	Bible 1	2
			Biology 1, or	3	Latin 1a	3	Mathematics 1	4
	Bible 1	2	Chemistry 1	4	Physical Culture	½	Physical Culture	½
	Physical Culture	½	Physical Culture	½				
Second Semester	Greek 1	3	Mathematics 2	4	Bible 1	2	English 1	2
	Latin 1b	3	English 1	2	English 1	2	English 2	1
	Mathematics 2	4	English 2	1	English 2	1	German 1	3
	English 1	2	German 1	3	German 1	3	French 1	3
	English 2	1	French 1	3	French 1	3	Latin 1b	3
	French 1, or German 1,	3	Bible 1	2	Mathematics 2	4	Bible 1	2
			Biology 1 or	3	Latin 1b	3	Mathematics 2	4
	Bible 1	2	Chemistry 1	4	Physical Culture	½	Physical Culture	½
	Physical Culture	½	Physical Culture	½				

SOPHOMORE

	Group I		Group II		Group III		Group IV	
	Classical		*Science*		*Historical-Political*		*Modern Language*	
		HOURS		HOURS		HOURS		HOURS
First Semester	Greek 2	3	Biology 2, or	4	English 3	2	English 3	2
	German 2	3	Chemistry 2		German 2	3	German 2	3
	French 2	3	Mathematics 3	3	French 2	3	French 2	3
	Mathematics 3	3	Physics 1	4	History 2	2	History 1	2
	English 3	2	History 1	2	Biology 1	3	Latin 3	3
	History 2	2	English 3	2	Elective	4	Biology 2, or	4
	Elective	1	German 2, or	3	Physical Culture	½	Chemistry 1	
	Physical Culture	½	French 2				Physical Culture	½
			Physical Culture	½				
Second Semester	Greek 2	3	Biology 2, or	4	English 3	2	English 3	2
	German 2	3	Chemistry 2		German 2	3	German 2	3
	French 2	3	Mathematics 3	3	French 2	3	French 2	3
	Mathematics 3	3	Physics 1	4	History 1	2	History 1	2
	English3	2	History 1	2	Biology 1	3	Latin 3	3
	History 2	2	English 3	2	Elective	4	Biology 2, or	4
	Flective	1	German 2, or	3	Physical Culture	½	Chemistry 1	
	Physical Culture	½	French 2				Phyisical Culture	½
			Physical Culture	½				

JUNIOR

	Group I		Group II		Group III		Group IV	
	Classical		*Science*		*Historical-Political*		*Modern Language*	
		HOURS		HOURS		HOURS		HOURS
First Semester	Philosophy 1	3	Biology 2, or / Chemistry 1	4	History 2	2	English 4	3
	History 2	2			Philosophy 1	3	English 5	3
	Greek 3	3	Biology 3, or / Chemistry 2	4	English 4	3	German 3	3
	English 4	3			Economics 1	3	French 3	3
	Economics 1	3	Mathematics 4	3	Biology 2, or / Chemistry 1, or / Physics 1	4	History 2	2
	Biology 1	3	Economics 1	3			Philosophy 1	3
			Elective	3	Elective	2		
Second Semester	Philosophy 2	3	Biology 2, or / Chemistry 1	4	History 2	2	English 4	3
	History 2	2			Philosophy 2	3	English 5	3
	Greek 3	3	Biology 3, or / Chemistry 3	4	English 4	3	German 3	3
	English 4	3			Economics 2	3	French 3	3
	Economics 2	3	Mathematics 5	3	Biology 2, / Chemistry 1, or / Physics 1	4	History 2	2
	Biology 1	3	Economics 2	3			Philosophy 2	3
			Elective	3	Elective	2		

For elective studies see description of courses this catalog, pages 37, 52.

SENIOR

	Group I		Group II		Group III		Group IV	
	Classical		*Science*		*Historical-Political*		*Modern Language*	
		HOURS		HOURS		HOURS		HOURS
First Semester	Greek 4	3	Biology 4, or	4	History 4	3	English 6	2
	Philosophy 5	2	Chemistry 5		History 5	3	Philosophy 5	2
	History 4	3	Physics 2	4	Philosophy 5	2	Bible 3	2
	Bible 3	2	Bible 3	2	Bible 3	2	Sociology	2
	Education 1	2	Education 1	2	Sociology	2	Education 1	2
	Sociology	2	History 4	3	Education 1	2	Elective	6
	Elective	2			Elective	2		
Second Semester	Greek 4	3	Biology 4, or	4	History 4	3	English 7	2
	Philosophy 5	2	Chemistry 5		History 6	3	Philosophy 5	2
	History 4	3	Physics 2	4	Philosophy 5	2	Bible 3	2
	Bible 3	2	Bible 3	2	Bible 3	2	Sociology	2
	Education 1	2	Education 1	2	Sociology	2	Education 1	2
	Sociology	2	History 4	3	Education 1	2	Elective	6
	Elective	2			Elective	2		

For elective studies see description of courses this catalog, pages 37, 52.

PHILOSOPHY AND EDUCATION

PHILOSOPHY

PROFESSOR SPANGLER

1. **Psychology**— Three hours. First Semester.

Special emphasis will be upon (1) the application of psychological laws to practical life, and (2) the philosophical bearing of certain psychological principles. Thus, without departing from the mode of treatment appropriate to a natural science, this course will be made to serve as a general introduction to philosophy.

Text-book, Angell's *Psychology.*

2. **Logic**— Three hours. Second Semester.

The intimate relation between Logic and Psychology will be emphasized thruout the course. From this point of view the traditional subject matter of elementary logic will be carefully discussed and the detection and classification of fallacies drilled upon. About half the time of the course will be given to Inductive Logic.

3. **History of Ancient Philosophy**—Two hours. First Semester.

In this course, and in its sequel, Philosophy 4, the aim will be (1) to trace the development of philosophy, pointing out what of permanent value each system, as it arose, contributed toward a final solution of the problem of the nature of being, and (2) to show the interaction between philosophic thought and the practical life of the period during which it flourished.

4. **History of Modern Philosophy**— Two hours. Second Semester.

The work will be critical as well as expository, and an effort will be made at reconstruction on the basis of the great systems of philosophy worked out from Descartes to Spencer.

5. **Ethics**—Two hours. Throughout the year.

This course will be primarily constructive and only in so far critical and historical as its constructive purpose demands. Much attention will be given to the practical bearing of the doctrine set forth on the pressing problems of today—such as individualism, the integrity of our social institutions, the problems which grow out of progress, etc.

6. **Theism**— Two hours. Throughout the year.

A course in the grounds of theistic belief. Elective for Seniors.

EDUCATION

PROFESSOR GRIMM

1. **History of Education**—Two hours. Thruout year.

A study of pedagogical theories and practices, from the early days of China to the present, with some reaction upon the doctrines discussed.

2. **School Management and School Law**—Two hours. Second Semester.

A consideration of the practical problems involved in class management and in school supervision.

3. **Secondary Education**—Three hours. First Semester.

This course deals primarily with the American High School of today but some attention will also be given to the history of our secondary school system in the United States and to the secondary schools of Europe. The course will consist of two parts: (1) The general problems of the high school, and (2) The high school curriculum.

Surveys of at least one ungraded and one graded school must be made and reported by each member of the class.

Practice teaching in local schools will be required.

DEPARTMENT OF LATIN

PROFESSOR KIRKLAND

A. **Course for Beginners**—Four hours. Thruout the year.

The elements of Latin Grammar. The reading of at least two books of *Caesar's Gallic War,* and as much as possible in Cicero's orations and in Virgil. This course will be accepted as the fulfillment of entrance conditions in Latin or for college credit if Latin has not been offered for entrance.

1. **Selections from Roman Historical Literature**—Three hours. First Semester.

Review of Latin Grammar. Prose Composition.

2. **Selections from Latin Poetry**—Three Hours. Second Semester.

The Study of Mythology.

3. **Horace, Odes and Epodes**—Three hours. First Semester.

History of Latin Literature.

4. **Selections from the Literature of the Early Empire**— Three hours. Second Semester.

The Study of Roman Life.

5. **Rapid Reading Course in Latin Poetry**—Two hours. Thruout year. (Not offered 1917-1918).

6. **Teachers' Training Course**—Four hours. Thruout year. (Not offered 1917-1918).

7. **Latin Comedy.**

8. Latin Tragedy.

9. Rapid Reading Course in Latin Prose Writers— Two hours. Thruout the year.

HISTORY AND POLITICAL SCIENCE

HISTORY

PROFESSOR SPANGLER

1. Mediaeval and Early Modern History—Two hours. Thruout the year. A study of the life and institutions of the Middle Ages; the Renaissance and the Reformation.

Thatcher and Schwill's *Europe in the Middle Ages,* Schwill's *Modern Europe,* Robinson's *Readings.*

2. European History from the accession of Louis XIV to the present time. Two hours. Thruout the year.

Robinson and Beard, *The Development of Modern Europe, Volumes I and II,* Robinson's *Readings.*

3. History of England—Two hours. Thruout the year.

A brief review of the Anglo-Saxon period; a more thoro study of the period following the Norman Conquest, and an intensive study of the Tudor period and the Revolution.

Terry: *History of England, Cheyney: Introduction to the Social and Industrial History of England, Cheyney: Readings in English History.*

POLITICAL SCIENCE

PROFESSOR GINGRICH

4. Constitutional Law—Three hours. Thruout the year.

A course designed to give the student a working knowledge of the fundamental laws of the United States, their causes and effects.

Young's, *"The New American Government and Its Work"* supplemented with lectures.

5. Political Science— Three hours. First Semester.

A study of various theories of the state and of the structure and province of government.

Garner: *Elements of Political Science.*

6. International Law—Three hours. Second Semester.

A course in the fundamental principles of International law. Much time is given to the study of important cases.

Stockton: *Outlines of International Law.*

ECONOMICS AND SOCIOLOGY

PROFESSOR GINGRICH

1. **Economics**—Three hours. Thruout the year.

The work of the first semester deals with economic theory. The second semester is devoted to the consideration of practical current problems.

Fetter: *Economic Principles, Volumes I and II.*

2. **Theory of Sociology**—Two hours. Thruout the year.

The course is intended to give the student a knowledge of the various theories of society together with the place of Sociology in the general field of learning.

MATHEMATICS

PROFESSOR LEHMAN

1. **Advanced Algebra**—Four hours. First Semester.

Covering ratio and proportion, variation, progressions, the binomial theorem, theorem of undetermined coefficients, logarithms, permutations and combinations, theory of equations, partial fractions, etc.

2. **Plane and Spherical Trigonometry**—Four hours. Second Semester.

Definitions of trigonometric functions, goniometry, right and oblique triangles, measuring angles to compute distances and heights, development of trigonometric formulae, solution of right and oblique spherical triangles, applications to Astronomy.

3. **Analytic Geometry**—Three hours. Thruout the year.

The equations of the straight line, circle, ellipse, parabola, and hyperbola are studied, numerous examples solved, and as much of the higher plane curves and of the geometry of space is covered as time will permit.

4. **Differential Calculus**—Three hours. First Semester.

Differentiation of algebraic and transcendental functions, maxima and minima, development into series, tangents, normals, evolutes, envelopes, etc.

5. **Integral Calculus**—Three hours. Second Semester.

Integrations, rectification of curves, quadrature of surfaces, cubature of solids, etc.

6. **Plane Surveying**—Three hours. Second Semester.

A study of the instruments, field work, computing areas, plotting, leveling, etc.

7. **Differential Equations**—Three hours. First Semester.
A course in the elements of different equations. *Murray.* Prerequisite, Mathematics 3, 4, and 5.

8. **Analytic Mechanics**—Three hours. Second Semester. *Bowser.* Prerequisite, Mathematics 7.

ASTRONOMY

PROFESSOR LEHMAN

1. **General Astronomy**—Three hours. First Semester.
A course in descriptive astronomy. Reports on assigned readings. Important constellations and star groups are studied.
A fine four-and-a-half-inch achromatic telescope adds to the interest of the subject.
Open to Juniors and Seniors.

GERMAN LANGUAGE AND LITERATURE

PROFESSOR SELTZER

1. **Freshman German**—Three hours. Thruout the year.
Literature of the 19th century. Fouque's *Undine,* Heine's *Die Harzreise,* Freytag's *Die Journalisten,* Scheffel's *Ekkehard,* Mueller's *Deutsche Liebe; Deutsche Gedichte,* Wenkebach's Composition.

2. **Sophomore German**—Three hours. Thruout the year.
Literature of the 18th century. Representative works of Lessing, Schiller and Goethe will be read, discussed, and compared.

3. **Junior German**—Three hours. Thruout the year.
Prerequisite German 2. General view of German Literature. Rapid reading of representative authors of each period; reading of selections from German History, Freytag's *Ausdem Jahrhundert des Grossen Kreiges.* Reports in German on assigned work. This course alternates with German 6. Will not be given in 1917-18.

6. **Elective-Goethe**—Three hours. Thruout the year.
Prerequisite German 2. Study of Goethe's life and works; intensive study of Goethe's prose, poetry and drama; essays in German required. This course alternates with German 3. Will be given 1917-18.

7. **Elective-Practical German**—One hour. Thruout the year.
Prerequisite German 3 or 6. This course aims to meet the needs of those who intend to teach German. Hour will be arranged to suit the convenience of the class.

ENGLISH LANGUAGE AND LITERATURE

PROFESSORS SEAMAN, ADAMS, AND STINE

1. **Theory and Practice of English Composition**—Two hours. Thruout the year.

This course includes a thoro study of (1) the technique and development of the sentence and the paragraph and (2) the forms of composition, weekly themes, recitations and lectures.

Texts: Scott and Denny, *New Composition—Rhetoric;* Genung's, *Working Principles of Rhetoric.*

2. **Public Speaking**—One hour. Thruout the year.

This course aims to give the students practice in the fundamentals of oral expression. Study of the lives and methods of great orators. Drill in interpretating and delivering orations and other forms of literature. Extemporaneous speaking, arguments, occasional speeches and original orations, impersonation, characterization, dramatic study and presentation of scenes from some of Shakespeare's plays.

3. **History of English Literature**—Two hours. Thruout the year.

This course deals with the work of all the leading authors from the earliest time to the present.

4. **American Literature**—Three hours. Thruout the year.

A course dealing with the lives and works of American writers from the Colonial to the present age.

5. **Shakespeare**—Three hours. Thruout the year.

The development of the drama is traced from its beginning to the end of the Elizabethan period. Shakespeare's plays are then critically studied.

6. **Advanced Composition**—Two hours. First Semester.

A course dealing with the principles of criticism and the analysis of the short story.

7. **Chaucer**—Two hours. Second Semester.

The Canterbury tales. A close study of the grammar and versification of the Chaucerian period.

DEPARTMENT OF FRENCH

PROFESSOR KIRKLAND AND MISS SCHMAUCK

1. **First Year French**—Three hours. Thruout the year.

Exercises in dictation and composition occupy one-third of the time thruout the year.

Text-books: Fraser and Squair's *Grammar;* Merimee, *Colomba;* Labiche et Martin, *Le voyage de Monsieur Perrichon;* Daudet, *Contes choisis;* Dumas, *L'Evasion du Duc de Beaufort.*

2. **Second Year French**—Three hours. Thruout the year.

The novel, drama, and lyric of the Nineteenth Century are touched upon; the subjunctive mood is studied; oral exercises are used; the history of French Literature is examined.

Text-books: Fraser and Squair's *Grammar;* Saintbury's *History of French Literature;* Dumas' *Monte-Cristo;* Tuckerman, *Simplicite;* About, *Le roi des Montagnes;* Racine, *Athalie;* Hugo, *Hernani;* Bowen's *Modern French Lyrics.*

3. **Third Year French**—Three hours. Thruout the year.

The study of Modern French Prose and of France's place in civilization.

Books: Nodier, *Contes;* Hugo, *Notre Dame de Paris;* Sand, *Indiana;* Pellissier, *Le mouvement litteraire du XIXe Siecle;* Balzac, *La Cousine Bette;* France, *Silvestre Bonnard;* Foncin, *Le Pays de France.*

GREEK LANGUAGE AND LITERATURE

PROFESSOR SHROYER

1. **Elementary Greek**—Three hours. Thruout the year.

Xenophon: Four Books of the *Anabasis.* Greek Prose.

2. **Advanced Greek**—Three hours. Thruout the year.

Homer: Three books of the *Iliad,* scansion, sight translation, epic poetry. Greek antiquities, Greek literature and Greek prose.

3. **Junior Greek**—Three hours. Thruout the year.

Herodotus: Selections from several of the books are read. Review of the Greek historians and the Persian Wars.

Plato: *Apology and Crito.* The Athenian courts.

New Testament. Readings in the Pauline epistles.

4. **Senior Greek**—Three hours. Thruout the year.

Xenophon, *Memorabilia,* or Demosthenes, *De Corona.* Socrates and the Socratic schools. The Attic oration.

Sophocles, *Oedipus Tyrannus,* or Aeschylus, *Prometheus Bound.* Development of the Greek Drama. Greek tragedy, comedy, and theater.

5. **Junior Elective Greek**—Three hours. Thruout the year.

New Testament: Readings in the gospels of *Mark* and *John* and in the *Pauline* and *Catholic* epistles. The object of this course is exegetical and practical. It will include a study of the synoptic gospels and a survey of the letters of Paul.

BIBLE

PROFESSOR SHROYER

1. **Teacher Training Lessons**—Hurlbut.
2. **Bible Doctrines**—Sell.
3. **Introduction to New Testament History**—Rall.
4. **Introduction to Old Testament History**—Painter.
5. **Scientific Confirmations of Old Testament History**— Wright.
6. **Social Institutions and Ideals of the Bible**—Soares.

Each course two hours. One Semester.
Four courses required.
Two courses elective.

BIOLOGY

PROFESSORS DERICKSON AND ARNDT; MR. WILLIAMS, AND MISS SHOWERS

1. **General Biology**—Three hours. Thruout the year.

Two lectures or recitation and one laboratory period of two hours each week.

The object of the course is to acquaint the student with the essential structures and processes of living things.

Types of plants and animals are studied in the laboratory to illustrate the structure, properties, and activities of living protoplasm as manifested in individuals composed of a simple cell, of tissues, and of systems of organs. The principles of development, homology, classification, adaptation, evolution, and heredity are considered.

The course is fundamental and it or its equivalent is required for admission to all other courses in Biology.

Required of Freshmen in Science Course. Elective for others.
Text: Smallwood's *Biology*.

2. ***Botany**—Four hours. Thruout the year.

Three lectures or recitations and two laboratory periods of two hours each, per week. The object of the course is to give the student a broad, general knowledge of the plant kingdom. The form, structure, and functioning of one or more types of each of the divisions of algae, fungi, liverworts, mosses, ferns, and flowering plants are studied. Special attention is given to the ontogeny and phylogeny of the several groups suggestive of evolution.

Experiments are performed in the laboratory to determine some of

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*Biology 2 and Biology 3 are given in alternate years. Biology 3 will be given in 1917-1918.

the relations of plants to water, gravitation, temperature, and light. Several types of seeds are studied as to their structure, germination, and development. The principles of classification are learned by the analysis and identification of representatives of at least twenty-five orders of spermatophytes.

The laboratory and class-room work is supplemented by frequent field trips.

Each student is supplied with a compound microscope, dissecting instruments, note and drawing materials, and portfolio.

Text-books: *Text-book of Botany,* Coulter, Barnes, and Cowles. Gray's *New Manual of Botany, Laboratory and Field Manual of Botany,* Bergen and Davis.

3. ***Zoology**—Four hours. Thruout the year.

Three lectures and two laboratory periods of two hours each, per week.

The principles of biology are learned by making a careful comparative study of representatives of several phyla of animals. The amoeba, euglena, paramecium, vorticella, sponge, hydra, starfish, earthworm, crayfish, grasshopper, mussel, amphioxus, and frog are studied. A careful study is made of the embryology of the frog. The process of development is closely watched from the segmenting of the egg until metamorphosis takes place. Each student is taught the principles of technic by preparing and sectioning embryos at various stages of development. From these and other microscopic preparations the development of the internal organs and origin of tissues is studied. This is followed by a histological study of the tissues of the adult frog.

Each student is required to keep a record of all work done in the laboratory in carefully prepared notes and drawings.

For Sophomores in the Science group. Elective for others.

Text-books: Hegner's College Zoölogy, Holms' The Frog.

4. **†Comparative Vertebrate Anatomy**—Four hours. Thruout the year. Six hours' laboratory work and two conferences each week.

The course consists of the dissection and thoro study of a suctorial fish, a cartilaginous fish, a bony fish, an amphibian, a reptile, a bird, and a mammal. Carefully labeled drawings are required of each student as a record of each dissection.

Text-books: Pratt's *Vertebrate Zoology,* Kingsley's *Text-book of Vertebrate Zoology.*

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*Biology 2 and Biology 3 are given in alternate years. Biology 3 will be given in 1917-1918.

†Biology 4 and Biology 5 are given in alternate years. Biology 5 will be given in 1917-1918.

5. ***Vertebrate Histology and Embryology**—Four hours.

Histology—Two conferences and six hours laboratory work per week. The normal histology of the human body is made the basis of the class work. Each student is required to acquire a practical knowledge of all phases of histological technic.

All the tissues as well as the structure of all of the organs of the body are studied. Each student prepares about one hundred and fifty slides.

Text-book: *A Manual of Histology and Organography, Hill.*

Elective for Juniors and Seniors.

Embryology—Second week in March to the end of the year. Two lectures and six hours laboratory work per week. The laboratory work is based on the development of the chick and comparisons made with that of the frog and mammal. A study is made of living embryos at various stages of development. These are later killed, prepared, and sectioned by the student for the study of the *development of the internal organs.* Fully labeled drawings are required.

Text-books: *Chordate Development,* Kellicott; *Text-book of Embrylogy,* Prentiss.

Elective for Juniors and Seniors.

CHEMISTRY

PROFESSOR WANNER AND MR. DONOHUE

1 A. **Elementary Inorganic Chemistry**—Fours hours. Thruout the year.

Two hours lectures, demonstrations, or recitations, and six hours laboratory work.

This course presupposes no previous knowledge of chemistry.

Individual laboratory practice, on the general principles involved in elementary chemistry, is required of each student. About two hundred selected experiments are required.

Text-book: *Outlines of Chemistry* by L. Kahlenberg.

1 B. **General Inorganic Chemistry**—Four hours. Thruout the year.

Two hours lectures or recitations and a minimum of six hours laboratory work.

Prerequisite—A high-school course in chemistry covering a year's work as outlined in the admission requirements. A more advanced course in general chemistry. A thoro study of the laws and theories

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*Biology 4 and Biology 5 are given in alternate years. Biology 5 will be given in 1917-1918.

of chemistry, the non-metallic and metallic elements and their compounds.

In the laboratory each student performs two hundred experiments selected from *A Laboratory Outline of General Chemistry* by Smith and Hale.

Text-book: *General Chemistry for Colleges* by Alexander Smith.

2 A. Qualitative Analysis—Four hours. First Semester.

One hour lecture or conference and a minimum of eight hours laboratory work.

Prerequisite—Chemistry I. A.

The theory and practice involved in the detection of the elements. Also the application of the electrolytic dissociation theory to qualitative analysis.

In the laboratory the student's knowledge of the subject is tested by frequent unknowns.

Text-book: *Qualitative Analysis* by A. A. Noyes.

2 B. Qualitative Analysis—Four hours. Thruout the year.

One hour conference or lecture and a minimum of eight hours laboratory work.

Prerequisite—Chemistry I. B.

A study of the theories of solutions and ionization and their applications in qualitative analysis.

Text-books: *Qualitative Chemical Analysis, Vols. I. and II.* by J. Stieglitz.

3. Quantitative Analysis—Four hours. Second Semester.

One hour lecture and a minimum of eight hours laboratory work. Second Semester.

Prerequisite, Chemistry 2.

A few simple gravimetric and volumetric determinations and a study of the chemical operations involved.

The determinations of the more important elements. The complete analysis of limestone. The analysis of a few common ores and alloys.

Text-book: Talbot's *Quantitative Analysis.*

4. Quantitative Analysis—Four hours. Thruout the year.

One hour lecture and eight hours laboratory work.

Prerequisite Chemistry 3.

Advanced gravimetric analysis.

Advanced volumetric analysis.

Text-book: Olsen's *Quantitative Analysis.*

5. Organic Chemistry—Four hours. Thruout the year.

Two hours lectures and six hours laboratory work.

Prerequisite Chemistry I.

Introduction to, and study of the fundamental principles of organic chemistry.

The aliphatic compounds.

The aromatic compounds.

The laboratory work consists in the preparation and purification of a number of typical organic compounds.

Text-books: Perkin and Kippin's *Organic Chemistry,* and Gatterman's *Practical Methods of Organic Chemistry.*

6. Industrial Chemistry— Two hours lectures and recitations.

Prerequisite, Chemistry I.

A study of the practical applications of chemistry.

Trips are taken to industrial plants in the immediate vicinity.

Text-book: Thorpe's *Industrial Chemistry.* Not offered 1917-18.

GEOLOGY

PROFESSOR WANNER

1. General Geology— Three hours. Second Semester.

Three hours lectures and recitations.

Dynamical, structural, and historical geology.

Also some practical work in the geological field trips in the immediate vicinity.

Text-book: *Geology,* Chamberlain and Salisbury.

PHYSICS

PROFESSOR GRIMM

Physics 1. General Physics—Four hours. Thruout the year.

Three hours lectures and recitation and four hours laboratory work per week. The course will be a thoro course in the fundamental principles of physical science and is especially intended as a preparation for Physics 2, 3, and 4 and for those interested in the practical applications of physical laws and principles. This course may be taken by those who have had no High School Physics.

Text-book: Millikan and Gale's *A First Course in Physics* and Carhart's *College Physics* and Ames and Bliss's *Laboratory Manual.*

Laboratory hours Thursday and Friday afternoons and Saturday morning.

2. Advanced Physics—Mechanics—Four hours. **One Semester.**

This course will be a thoro investigation of the mechanics of solids, liquids, and gases and sound.

Second Semester 1917-1918.

3. **Advanced Physics—Electricity and Magnetism**—Four hours. One Semester.

This course will be a thoro consideration of the laws of the electric and magnetic fields and the power applications of electricity.

First Semester 1918-1919.

4. **Advanced Physics—Heat and Light**—Four hours. One Semester.

This course will be concerned with the nature of heat and light and the transmission of each thru various media including reflection, refraction and dispersion.

First Semester 1917-1918.

Text-books: Kimball's *College Physics*, and a special text for each of courses 2, 3, and 4.

The Calculus will be a very great aid in these courses.

PHYSICAL CULTURE

The work begins December 1 and continues until the end of the winter term. The work consists of gymnastic classes two days a week. Two years' work in college is required for graduation. Aside from this, this work is required of all Resident, Special, and Resident Preparatory students.

The work consists of marching, calisthenic drills, elementary work on the heavy apparatus, folk dancing, and group games.

The aim of the course will be to keep the students in good physical condition and to prepare them to handle similar work in grade or high schools.

In addition to the college work some special work is being done by this department. A class for high school boys meets three times each week. There are about twenty boys in this class and is taught by one of the college men. A class for high school girls is taught by several of the college girls. The men from the factory are given one night each week for basket ball. There are about fifteen in this class.

1. **Freshman Physical Culture**—One-half hour. Two hours per week, December 1 to April 1.

2. **Sophomore Physical Culture**—One-half hour. Two hours per week, December 1 to April 1.

ORATORY AND PUBLIC SPEAKING

PROFESSOR ADAMS

The work of this department is primarily personal culture, the highest development of the personality of the student. "The development of the art of oratory is the development of the orator himself."

The course requires two years of study of prescribed work. Upon the completion of the studies a certificate is awarded.

Students entering the regular course must have had a high-school course or its equivalent.

A recital is given at least once a term for which the students are carefully prepared. These afford the students public platform practice by which they gain confidence and experience.

Each Senior is required to adapt and arrange a program for a public recital, from some piece of literature approved by the instructor.

Description of Courses

1. **Public Speaking.** (English 2) One hour. Thruout the year.

Required of Sophomores. Open to others at discretion of instructor.

This aims to give the student practice in the fundamentals of oral expression. Physical and voice exercises for securing poise, freedom, and unity, breathing and articulation, placing and radiation of tones.

Study of the lives and methods of great orators. Drill in interpreting and delivering orations and other forms of literature.

Extemporaneous speaking, arguments, occasional speeches and original orations, impersonation, characterization, dramatic study and presentation of scenes from some of Shakespeare's plays.

2. **Voice Training.** Exercises for breath control, for freeing of voice by proper placing and direction of tone, purity, flexibility, radiation, resonance, and power; pitch, volume, and inflection in emphasis. Tone color and form, ideal and imaginative qualities in tone. Diction.

Given daily thruout course.

3. **Literary Interpretation.** Development of the principles of Public Address.

a. Evolution of Expression. Two hours. Thruout the year. Study of selections from great orators, essayists, poets, and dramatists. Practical drill work before class for developing power of student thru application of principles to his individual needs. Personal criticism and guidance to bring out originality of student.

b. Prefective Laws of Art. Two hours. Thruout the year. Expressive study of different forms of literature with particular attention to the laws of art which logically follow the sixteen steps of the Evolution. Dramatic work.

(Two hours credit in college is given for each of above courses, *a* and *b*, when taken with one private lesson a week).

c. Poetic Interpretion. One hour. Thruout the year. Special interpretative and critical study of the great poets, with presentation and criticism before class, to acquaint student with masters of literary art, to develop appreciation of music and suggestiveness of poetry,

and imaginative and poetic elements in work. Study of poetic forms.

Attention is given to the choice, adaptation, and abridgement of selections for public reading.

4. **Dramatic and Platform Art**—One hour. Thruout the year. Interpretation and dramatic study of Hamlet, Macbeth, Othello, Merchant of Venice, Julius Caesar, and As You Like It. Presentation of prepared scenes for criticism. Practical work in stage business, deportment, and grouping.

Platform deportment, correct bearing, and presentation before audience. Platform methods and traditions. Pantomime, study of emotions. Freedom and responsiveness in bodily expression.

Sketches and plays are given from time to time during the year, which, with the annual college play, provide special dramatic training for many.

Private lessons, with attention to the special needs of the students, either in overcoming habits, or in personal development and repertoire, are given thruout the course to supplement the class work. More time is given to selections, arrangement of programs, writing introductions, etc. One hour a week.

5. **Physical Training.** Exercises for securing poise, bearing, freedom and ease in movement; to gain control over body and render it responsive to thought. Response in bearing and dramatic attitudes. Gesture drill for definite expressions through different realms.

Given daily thruout course.

6. **English Literature.**

English Literature (English 3).

Composition and Rhetoric (English 1).

7. **Psychology** (Philosophy 1).

8. **Normal Training and Methods**—One hour. Thruout the year. Practice in teaching and class management. Under the direction and criticism of the instructor the Seniors conduct class work, lecture upon principles, and discuss their application.

TUITION

Matriculation and Physical Culture, $6.00. Non-resident students may be exempted from physical culture.

All tuition is payable in advance. No reduction is allowed for absence for the first or second week of the terms, nor for lessons missed during the terms except in case of protracted illness.

Regular Course, $80 per year, payable quarterly in advance.

Special courses in Literary Interpretation, with one private lesson

a week, giving 2 hours credit, $40 per year, payable quarterly in advance.

Private lessons, $1.00.

Other classes will be formed when there is a call for any special line of work.

Fee for certificate, $5.00.

LEBANON VALLEY ACADEMY

Preparatory School
of
Lebanon Valley College

FOUNDED 1866

ANNVILLE, PA.

FACULTY

SAMUEL O. GRIMM, B. Pd., A. M.
Principal, Physics

LUCY S. SELTZER, A. M.
German

ROBERT McD. KIRKLAND, A. M.
Latin

F. L. STINE, A. B.
English and Mathematics

PAUL S. WAGNER
Algebra and Geometry

CHARLES W. GEMMILL
Assistant in the Physical Laboratory

JACOB A. JACKOWICK
Algebra and Solid Geometry

ESTHER M. BACHMAN
English Grammar

PAULINE CLARK
Second Year English

JOSEPH J. DONOHUE
Elementary German

CHRISTINE E. CARTER
Physical Geography and Civics

ABRAM M. LONG
English History

CATHERINE E. HARRIS
First Year Latin

W. W. McCONNEL
Caesar

HISTORICAL

Lebanon Valley Academy was established in 1866. For forty-nine years it has cherished the ideals of full and accurate scholarship, and the development of character that fits one for the largest service to society. From its inception, college preparatory work has been its main purpose but its curriculum has been well adapted to the needs of those who have entered immediately into practical life or professional study.

EXAMINATIONS

Examinations are held at the close of each half year. Other examinations will be held whenever the completion of a subject warrants such examination. At this time reports are sent to parents and guardians. More frequent reports are sent when requested by parents. In the Academy records, A, signifies excellent; B, very good; C, fair; D, low but passing; E, conditioned; F, repeat in class. An "E" record may be removed by a test on any part of the course in which the record is poor. For such test a fee of one dollar is charged. An "F" may not be removed by a special examination.

For special tests, given on work not completed because of absence or otherwise, a fee of one dollar is charged. For special examinations a fee of two dollars is charged.

ADMISSION

The applicant should be at least twelve years of age. While no entrance examination is required, it is expected that the applicant shall have completed the ordinary common school branches.

Each student should bring with him a certified statement of work done in the school last attended. Blanks for such certification will be provided by the school. Tentative credit will be given for work thus certified, and the student will be permitted to take up his work as near as possible where he left off, but any previous work found to be unsatisfactory will have to be repeated.

Students will be received at any time, but in general it is to the student's advantage to enter in September, or less preferably, at the beginning of the second Semester. However, the applicant usually finds enough work if he enters at any time.

GRADUATION

Any student who has completed 14½ units of work as outlined in the courses of study, provided that he has completed three units of Mathematics, three units of English, three units of Latin, one unit of Science, and one unit of History, shall be entitled to the school diplo-

ma. If the candidate desires to enter Lebanon Valley College he shall arrange his work to meet the entrance requirements for the several courses.

Students having completed only a partial course will be given certificates for such work upon request.

ACADEMY EXPENSES

Matriculation	$ 12.00
Tu'tion	50.00
Boarding	155.00
Room Rent	$60.00—15.00
Heat and Light	6.00
Deposit Fee	5.00
Contingent Fund	10.00
Minimum Charges	$253.00
Rebate for Cash	$ 13.00
Minimum Total	$240.00

The above table does not include personal expenses, books nor laundry. Further details concerning expenses and regulations are found on pages 18 to 21 of this catalog.

LABORATORY FEES

Elementary Physics, per Semester	$3.00
Elementary Chemistry, per Semester	4.00

DESCRIPTION OF COURSES

A unit represents a year's study in any subject and is reckoned to be a quarter of the entire amount of work required of each student. However, the four years of English aggregate but three units.

For graduation fourteen and one-half units are required. The following courses are required of all applicants:

Latin a, b, and c	3 units
English a, b, c, and d	3 units
Mathematics a, a-2, c, and b or d	3 units
History	1 unit
Science	1 unit
Foreign Language	1 unit
Total	12 units

The remaining 2½ units may be chosen from the following list.

Physical Culture is required of all students for which one-half unit credit may be given.

OUTLINE OF COURSES

First Year

Latin a	Beginners' Latin	5 hours
English a	English Grammar and Classics	4 hours
Mathematics a	Advanced Arithmetic	4 hours
Mathematics a-2	First Year Algebra	4 hours
†Science a	Physical Geography	4 hours
†Drawing		4 hours

Second Year

Latin b	Caesar and Composition	4 hours
English b	Rhetoric and Classics	4 hours
Mathematics c	Plane Geometry	4 hours
†History c †History d	Ancient History	4 hours
†Geometrical Drawing		4 hours

Third Year

Latin c	Cicero and Composition	4 hours
English c	American Literature and Classics	4 hours
German a	Beginner's German	4 hours
Science c Science e	*Biology *Elementary Chemistry	4 hours
†History b	English History	4 hours

Senior Year

Latin d	**Virgil and Composition	4 hours
German b	**Second Year German	4 hours
Greek a	**First Year Greek	5 hours
Science d	Elementary Physics	4 hours
English d	College Entrance Requirements	4 hours
Mathematics b Mathematics d	**Solid Geometry **Second year Algebra	4 hours
History a	American History and Civics	4 hours

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†Elective.

*Required for graduates in Scientific Course.

**Choose one.

DESCRIPTION OF COURSES

ENGLISH

a-1. English Grammar—Advanced. First Semester. Four hours.

This course is required of all pupils who have not had high-school grammar. Weekly themes are required. Reading: Irving's *Sketch Book* and Cooper's *The Last of the Mohicans.*

a-2. Composition and Rhetoric—Second Semester. Four hours.

Brooks' *Composition and Rhetoric. Book I.*

Theme work based on experience and assignments for reading. Reading: Scott's *Ivanhoe,* Coleridge's *The Ancient Mariner,* Shakespeare's *The Merchant of Venice,* Scott's *Marmion.*

b. Composition and Rhetoric—Thruout the year. One year.

Brooks' *Composition and Rhetoric. Book I.*

Reading and Practice—Thruout the year. Three hours.

George Eliot's *Silas Marner,* Shakespeare's *As You Like It,* Addison and Steele's *The De Coverly Papers,* Dickens' *A Tale of Two Cities,* Bunyan's *Pilgrim's Progress,* Goldsmith's *The Vicar of Wakefield.*

c. American Literature—Thruout the year. One hour.

Newcomer's *American Literature,* rhetoric continued.

Reading and Practice—Thruout the year. Two hours.

Oral reading and careful study of Franklin's *Autobiography,* Hawthorne's *The House of Seven Gables,* Hawthorne's *Twice Told Tales,* Shakespeare's *Julius Caesar,* Tennyson's *Idylls of the King,* Longfellow's*Narrative Poems,* Poe's *Poems and Tales,* Whittier's *Snowbound.*

Composition—Thruout the year. One hour.

Weekly themes required.

d. Composition and Rhetoric—Thruout the year. One hour.

Brooks' *Composition and Rhetoric, Book Two,* concluded. Weekly themes required.

English Literature—Thruout the year. One hour.

Newcomer's *English Literature.*

Reading and Practice—Critical study of the English classics prescribed for college entrance.

Shakespeare's *Macbeth,* Milton's *Minor Poems,* Tennyson's *The Princess,* Washington's *Farewell Address,* Webster's *Bunker Hill Oration,* Carlyle's *Essay on Burns.*

LATIN

The following Latin courses are arranged in accordance with the College Entrance Requirements.

Latin a—Beginners' Latin. Throut the year. Five hours. One unit.

Smith's *Latin Lessons* is completed. Special emphasis is placed on the memorizing and classification of grammatical forms. Constant practice in turning short sentences illustrating the fundamental rules of syntax into Latin is required.

Latin b— Caesar. Thruout the year. Four hours. One unit.

Caesar's Gallic Wars, Books I-IV. Thirty-six lessons in composition based on the text with as much sight reading as possible is required. Allen and Greenough's *Latin Grammar.*

Latin c— Cicero. Thruout the year. Four hours. One unit.

Cicero's *Manilian Law, Cataline I-IV,* and *Pro Archais,* D'Oge's *Latin Composition,* Allen and Greenough's *Latin Grammar.*

Latin d— Virgil. Thruout the year. Four hours. One unit.

Vergil's *Aeneid I-VI,* Bennet's *Composition,* Allen and Greenough's *Latin Grammar.*

Latin a, b, c, and d are required for admission to the Classical and Modern Language Courses of Lebanon Valley College.

HISTORY

History a— Thruout the year. Four hours. One unit.

American History and Civics. Detailed Study of American History with special attention to the History of the United States. The latter part of the year will be devoted to a consideration of national, State, and county government.

This course is required of all candidates for graduation.

History b— Thruout the year. Four hours. One unit.

Walker's *Essentials of English History.* Offered 1918-1919.

History c and d—Thruout the year. Four hours. One unit.

Ancient History with special reference to Greek and Roman History and including a short introductory study of the more ancient nations and the chief events of the early middle ages, down to the death of Charlemagne. Offered 1917-1918.

GERMAN

a Beginning German— Four hours. Thruout the year. One unit.

Bacon's *German Grammar,* and the reading of 75 to 100 pages of

graduated texts. Frequent reproduction from memory of sentences previously read.

b Second Year German—Four hours. Thruout the year. One unit

Oral and written reproduction of the matter read in easy variations.

From 150 to 200 pages of literature are selected from the following list: Heyse's *L'Arrabbiata;* Hillern's *Hoecher als die Kirche;* Storm's *Immensee;* Leander's *Traeumerein,* Zschokke's *Der Zerbrochene Krug;* Wilhelmi's *Einer muss heiraten;* Baumbach's *Der Schwiegersohn.*

MATHEMATICS

Mathematics a—Arithmetic. Half-year. Four hours. One-half unit.

Rapid but thoro review of all the fundamental processes. Special drill in fractions, mensuration, percentage, the metric system, and modern business forms.

Hamilton's *Arithmetic.*

Mathematics a-2—Thruout the year. Five hours. One unit.

Beginner's Algebra to quadratics. Williams and Kempthorne's *Algebra.*

Mathematics b—Intermediate Algebra. Half-year. One-half unit.

Second Year Algebra. This course must be offered for graduation by all candidates who do not offer Solid Geometry.

Mathematics c—Plane Geometry. Four hours. One unit.

Durell's *New Plane and Solid Geometry.* Taught largely from the standpoint of the original problems.

This course is required for graduation.

Mathematics d—Solid Geometry. Half -year. One-half unit.

Durell's *Solid Geometry.*

SCIENCE

Science a—Physical Geography. Half-year. Four hours. One-half unit.

Dryer's *Physical Geography.* The earth as a globe, the ocean, the atmosphere, the land, plains, plateaus, mountains, volcanoes, rivers, glaciers, geological formations and ages.

A summary of the relation of man, plants, and animals to climate, land forms, and oceanic areas.

Science d—Elementary Physics. Thruout the year. One unit.

Three hours recitation and two hours laboratory work per week.

Mechanics of solids, liquids, and gases, heat, magnetism, electricity.

No previous knowledge of Physics is required for admission to this course.

Reed and Henderson's *High School Physics.* Forty experiments as outlined in the National Physics Note Book Sheets are required in the laboratory.

Science e—Elementary Chemistry. Thruout the year. One-half unit. Two hours recitation and four hours laboratory work.

The aim of the course is to present Chemistry to the beginner in such a way as to enable him to grasp the fundamental principles and to help him to secure a working knowledge of the Science in the laboratory.

First Principles of Chemistry by Brownlee and others, and laboratory exercises accompanying same.

DRAWING

Free Hand Drawing—Half-year. Four hours. One-half unit.

Geometrical Drawing—Half-year. Four hours. One-half unit.

Drawing of geometrical figures, reconstruction of figures to a given scale, construction of scales to any given unit, projection of plane and solid figures, etc.

Morris' *Geometrical Drawing.*

PHYSICAL CULTURE

Academy Physical Culture. Two hours per week December 1 to April 1. Required of all preparatory students.

SUB-PREPARATORY COURSE

Sometimes students of mature age come to us not fully prepared to enter the Academy. They have for various reasons attended school for but a short time and find it embarrassing to enter the public schools with scholars so much younger than themselves. For these we make special provision whenever occasion demands. However, at least sixteen hours of regular Academy work is required.

ELECTION OF STUDIES

There is considerable room for election of courses that have a special value to students intending to specialize.

The principal advises students what subjects are fundamental to professional and engineering courses.

FACTS TO BE CONSIDERED

Although Academy students enjoy a number of the same features as college students, such as the use of an extended library, laboratories, the same social privileges, literary exercises, debates, Christian Associations, etc., they are in many respects an entirely separate student body.

SCHOLARSHIP

A one hundred and forty dollar scholarship is awarded each year to the Academy graduate who has, according to the vote of the Faculty, attained the best class record and deported himself in accordance with the regulations.

Conservatory *of* Music
and Art

CONSERVATORY OF MUSIC

FACULTY

E. EDWIN SHELDON, Mus. M.
Pianoforte, Pipe Organ, Counterpoint

IDA MANEVAL SHELDON, Mus. B.
Pianoforte, Harmony

GERTRUDE KATHERINE SCHMIDT
Voice, Public School Music

ORA BELLE BACHMAN, Mus. B.
Pianoforte, Sight Playing

RAY PORTER CAMPBELL, Mus. B.
Pianoforte, Musical History, Ear Training

ZELINE von BEREGHY
Violin, 'Cello

MARIAN E. HEMPT
Painting, Drawing

ENGLE CONSERVATORY

LOCATION AND EQUIPMENT

The Engle Music Hall is a handsome, three-story, stone structure. It contains a fine auditorium with large pipe-organ, director's room, studios, practice rooms waiting, and writing room for students' use, large society rooms, lavatories, etc. The whole building is lighted by electricity, and heated by steam, and designed and furnished with a view to having it complete in every respect for the study of music in all its branches. A complete musical education, from the very first steps to the highest artistic excellence, may be secured. The director will use every effort to obtain positions for those students who have finished the courses, and who may wish to teach or perform in public.

OBJECT

The department has for its object the foundation and diffusion of a high and thorough musical education. The methods used are those followed by the leading European conservatories. The courses are broad, systematic, progressive, and as rapid as possible. The conservatory offers the means for a complete education in musical art at a moderate cost.

DESCRIPTION OF COURSES

I.

Pianoforte

The course in Pianoforte is divided into five divisions: Sub-Freshman, Freshman, Sophomore, Junior, and Senior.

The course marked out, must, however, necessarily be varied according to the ability and temperament of the pupils. Many works must be studied by all, but there is much that may be esential for one student and not at all necessary for another. Individual instruction only is given.

A system of technics is used that is in line with the most approved methods. Special attention is paid to the development of a true legato touch and a clear, smooth technique. The use of the pedal, so much neglected, is emphasized. At the same time expression and interpretation are not neglected. Technical and theoretical ability is worthless, except as it enables the performer to bring out the beauties and meaning of the composer.

By a recent act of the Executive Board arrangements were made for a teacher to give instruction to children and others in the elementary grades of the pianoforte course at a cost within the reach of all. This work will be carried on according to the methods in use in the leading Conservatories.

For such instruction, the rate of tuition will be thirty cents per lesson. This enrollment as a regular student of the Conservatory will entitle the student to all privileges of the institution. The advantages to be derived from appearing in recital classes, receiving instruction in stage deportment, as well as opportunities for hearing and associating with other music students, are certain to act as incentives to better, more conscientious work.

Memorizing music is required of all students. It is a great acquisition to be able to perform a number of selections from memory.

Sight Reading—This, although to a certain extent a natural gift, can be greatly improved by systematic work. One who can read well has all music at his command, while a poor reader has but the few pieces which may have been learned.

Practice—Special effort is made to teach pupils how to practice. Difficult places are pointed out and the students are taught how to learn them in the quickest and most thorough manner. Quality is of more value than quantity in practice.

Ensemble Playing—It is impossible to overestimate the value of thorough training in duet, trio, and quartet playing. Students are given drill in these as well as in accompaniment playing.

II.
The Voice

Students contemplating work in this department should bear in mind two important facts; first, that the natural ability to sing varies with every student, and secondly, that while the production of tone from any musical instrument is produced by artificial means, the elements that go to make up the human voice are composed of flesh and blood, subject to the most delicate nervous impulses.

Hence the course in the Study of Voice must be varied according to the needs of the individual, and the success of the pupil depends largely upon the sympathetic insight of the teacher and the sincere co-operation in mind as well as body on the part of the student.

The old Italian method as shown in Marchesi's "Art of Singing" will be used, and exercises from other standard texts will be given to suit the needs of the individual student.

III.
Organ

The churches of our country are making an increasing demand for well-trained organists. The organ is no longer looked upon as an instrument solely for accompaniments and church use, but has taken its place among solo instruments and gained a distinct recognition from the music-loving public.

A large field, therefore, is open to the student of the organ. The work as outlined aims to provide a thorough training in all that pertains to a mastery of the organ for church or concert use. A new three manual Möller pipe organ is used in the Conservatory.

IV.
The Violin

Among the stringed instruments, the Violin stands as one of the oldest and has always been admired for its beautiful and thrilling strains.

The musical possibilities within the compass of the violin are marvelous and unexcelled by any other instrument. The best artists of the olden and modern times were skilled on the violin, and it appeals to those of the finest musical taste today.

Nowhere in English literature do we find a nobler or more glowing tribute to the violin than is the little poem penned by our own immortal "Autocrat" where he places the violin among the highest order of musical instruments.

V.
Theoretical Music

Theoretical studies are essential to rapid and comprehensive sight reading and to excellence in the higher grades of music. Good pedaling depends on a knowledge of harmony, and memorizing is greatly facilitated by it.

An intelligent insight into the foundation, upon which rests the art of music, gives interest to the pupils in their playing and singing and makes them musicians, as well as performers.

VI.
SOLOIST'S AND TEACHER'S COURSES

Two courses leading to the granting of the diplomas are offered. Both follow the same general course outlined on page 69.

The Soloist's Course requires a satisfactory appearance in the annual recital by the Junior Class and an individual recital during the Senior year.

The Teacher's Course is offered to those who wish to specialize for the teaching profession. Such pupils will be excused from the Junior and Senior recitals, but required to teach in the Normal department one hour per week for two years under the direction of a teacher of the Conservatory faculty in charge of such work. A Weekly Methods Class conducted by the teacher directing this department will bring to the attention of these student-teachers points where their teaching may be improved, and essential principles underlying the work of the successful teacher.

Teaching in the Normal will begin in October and end on, or about May 1st.

VII.

PUBLIC SCHOOL MUSIC

Realizing the demand for trained teachers of Public School Music, the Conservatory has for the past two years been offering a course for such work which requires two years for completion.

The text used in the Methods class is that of Hollis Dann, Principal of Public School Music at Cornell University. However other texts are studied and compared so that the graduates should be able to handle any course in Public School Music in use at the present time.

Aside from this students have the advantage of doing teaching under supervision in the Annville Public Schools, thereby putting into practice the theoretical knowledge gained in the Methods class.

Special attention is paid to the care of the child voice in singing which is such an essential feature of Public School Music. Candidates for this course must have completed a four year High School course or its equivalent. Positions are not guaranteed to graduates.

VIII.

A FOUR YEAR COURSE IN THE THEORY OF MUSIC

The Conservatory diploma will be given for the satisfactory completion, with no grade below 85 per cent. of the following subjects: Harmony—3 semesters; Musical History—2 semesters; Sight Singing—2 semesters; Theory—1 semester; Musical Form—1 semester; Ear Training—1 semester; Psychology of Music—1 semester; Harmonic Analysis—1 semester; Simple Counterpoint—1 semester; Double Counterpoint—1 semester; Canon and Fugue—2 semesters. The candidate for graduation in the above course must have completed the Sophomore year in pianoforte to the satisfaction of the Conservatory faculty.

COLLEGE CREDIT

Credit will be given in the college department for the completion of courses in Harmony, Musical History and Counterpoint. Each course holds two one-hour recitations each week throughout the year.

OUTLINE OF COURSES LEADING TO DIPLOMA

	FIRST SEMESTER	*HOURS	SECOND SEMESTER	*HOURS
Freshman	†Piano, Voice, Pipe Organ, or Violin	1	Piano, Voice, Organ, or Violin	1
	Sight Singing	2	Sight Singing	2
	English b	4	English b	4
	Practice, 4 hours daily	10	Practice, 4 hours daily	10
Sophomore	†Piano, Voice, Organ, or Violin	1	Piano, Voice, Organ, or Violin	1
	Harmony (Elementary)	2	Harmony (Chadwick)	2
	Musical History	2	Musical History	2
	English c	4	English c	4
	Practice, 4 hours daily	10	Practice, 4 hours daily	10
Junior	†Piano, Voice, Organ, or Violin	1	Piano, Voice, Organ, or Violin	1
	Harmony (Chadwick)	2	Ear Training (Heacox)	3
	Theory of Music (Elson)	2	Musical Form (Cornell)	2
	Sight Playing	1	Sight Playing	1
	German a	4	German a	4
	Practice, 4 hours daily	10	Practice, 4 hours daily	10
Senior	†Piano, Voice, Organ, or Violin	1	Piano, Voice, Organ, or Violin	1
	Simple Counterpoint (Bridge)	2	Double Counterpoint (Jadassohn)	2
	Psychology of Music (Bartholomew)	2	Harmonic Analysis (Lehman)	2
	Sight Playing	2	Sight Playing	2
	Practice, 4 hours daily	10	Practice, 4 hours daily	10
			Senior Recital	—

*Number of hours credit. †Two one-half hours per week. Fee for graduation diploma $10.00.

-- OUTLINE OF COURSE IN PUBLIC SCHOOL MUSIC --

	FIRST SEMESTER	*HOURS	SECOND SEMESTER	HOURS
First Year	Piano and Voice (one lesson each)	1	Piano and Voice	1
	Harmony (Elementary)	2	Harmony (Chadwick)	2
	Musical History	2	Musical History	2
	Methods (Primary Grades)	2	Methods (Primary Grades)	2
	Sight Singing	2	Sight Singing	2
	Practice, 2 hours daily	5	Practice, 2 hours daily	5
Second Year	Piano and Voice	1	Piano and Voice	1
	Harmony (Chadwick)	2	Musical Form	2
	Psychology of Music (Bartholomew)	2	School Management (College)	2
	Methods (Grammar Grades)	2	Methods (High School)	2
	Practice, 2 hours daily	5	Practice, 2 hours daily	5

*Number of hours credit.

Certificate at graduation $2.50.

HOW TO BECOME A "FULL COURSE STUDENT" IN THE CONSERVATORY OF MUSIC

To be a "full course student" in the Conservatory you will be required to carry one solo subject (piano, voice, or organ) and two theoretical branches, such as Harmony and Musical History. Two lessons, each one-half hour in length, are given each week in the solo subject. Classes in Harmony recite two hours per week. Classes in Musical History meet on alternate days for two hour-lessons per week. The coure in Harmony requires three semesters, while the course in Musical History may be completed in one year.

The "full course student" engages four practice hours daily throughout the year.

One subject, such as German, French, or English, may be taken in the College or Academy by a "full course student" without additional charge.

The "full course student" will find the tuition as follows:

FIRST SEMESTER—Two lessons per week, as stated above

Piano or Voice	$27 00
Harmony	13 00
Musical History	13 00
Piano Practice, 4 hours daily	10 00
Matriculation Fee	8 00
	$71 00

Voice or Piano added, 2 lessons per week....$27.00 additional
Organ, one lesson per week.....$18.00 additional
Organ practice, one hour daily .....$10 or $20 additional

SECOND SEMESTER—Rates and courses the same as first semester.

CERTIFICATE

Candidates for graduation by Certificate in pianoforte, pipe organ, or violin must have satisfactorily completed the full course in harmony, musical history and sight playing.

Candidates for graduation by Certificate in voice must have satisfactorily completed the full course in harmony, musical history and sight singing.

Graduation Fee for Certificate $5.00.

DEGREE

Requirements for Mus. B. Degree:

Candidate must hold a diploma covering the course as outlined on page 69.

In addition to the above, one year's work in Canon and Fugue, 2

lessons per week, and one year's work in Original Composition. 2 lessons per week, will be required.

Fee for Degree, $10.00.

THE SECOND "SOLO SUBJECT"

Candidates for graduation by diploma or certificate in Piano shall have taken at least one year in voice, violin, or organ. For graduation in Voice, Violin, or Organ the student shall have at least Sophomore standing in piano.

RECITALS AND MUSICAL ORGANIZATIONS

Students' Evening Recitals. Each term recitals are given in which students, who have been prepared under the supervision of the instructors, take part. These recitals furnish incentives to study and experience in public performance.

Students' Recital Class. Students who are not sufficiently advanced to appear in the Evening Recitals are given experience in public performance in the Students' Recital Class. These classes are not open to the public. Rules governing Concert Deportment are brought to the attention of the students and each performer shown what is expected of him or her when before an audience. The result is a smoother and more satisfactory appearance in the Evening Recitals when assigned to such work.

Artist Recitals. Not less important than the daily class room work is the opportunity afforded students of hearing the representative works of the great masters performed by artists of recognized ability of this and foreign countries. These recitals have met with favor among students and citizens.

THE EURYDICE CLUB

This Club for young women was organized three years ago, having for its object the study of standard choruses and choral works, producing the same at a Spring concert. The Club secures the assistance of one or more artists for this annual concert, and the public has learned to look forward to this event as one of the real musical treats of the college year.

THE MEN'S GLEE CLUB

The opportunity for a "try out" for membership in this organization is given every young man of the institution who possesses a singing voice. Rehearsals are conducted throughout the Fall months preparatory to filling a series of scheduled dates booked by a student mana-

ger. Membership in this Club furnishes a musical training as well as social experience that is invaluable to the college man.

TUITION

PIANO, VOICE, OR VIOLIN

First Semester	2 lessons per week	$27 00
First Semester	1 lesson per week	13 50
Second Semester	2 lessons per week	27 00
Second Semester	1 lesson per week	13 50

SENIOR AND JUNIOR YEARS

Piano, Voice, Violin, or Organ

First Semester	2 lessons per week	$36 00
First Semester	1 lesson per week	18 00
Second Semester	2 lessons per week	36 00
Second Semester	1 lesson per week	18 00

SUB-FRESHMAN AND FRESHMAN YEARS IN PIANO

First Semester	2 lessons per week	$10 80
First Semester	1 lesson per week	5 40
Second Semester	2 lessons per week	10 80
Second Semester	1 lesson per week	5 40

PIPE ORGAN

First Semester	2 lessons per week	$36 00
First Semester	1 lesson per week	18 00
Second Semester	2 lessons per week	36 00
Second Semester	1 lesson per week	18 00

HARMONY, MUSICAL HISTORY, EAR TRAINING, THEORY, HARMONIC ANALYSIS, MUSICAL FORM, PSYCHOLOGY OF MUSIC, PUBLIC SCHOOL METHODS, AND SIGHT SINGING

First Semester	2 lessons (class) per week	$13 00
Second Semester	2 lessons (class) per week	13 00

COUNTERPOINT, CANON, FUGUE, OR COMPOSITION

First Semester	2 lessons (class) per week	$16 00
Second Semester	2 lessons (class) per week	16 00

SIGHT PLAYING

Junior Year

First Semester .....1 lesson (class) per week.....$5 00
Second Semester .....1 lesson (class) per week..... 5 00

Senior Year

First Semester.....2 lessons (class) per week.....$10 00
Second Semester.....2 lessons (class) per week..... 10 00

For the Junior year a charge of fifty cents each semester will be made for use of the Sight Playing Library. For the Senior year the rate will be seventy-five cents per semester.

PIANO NORMAL METHODS CLASS

First Semester .....1 lesson (class) per week.....$5 00
Second Semester .....1 lesson (class) per week..... 5 00
(October to April)

RATES FOR PRACTICE PERIODS

Piano, 1 hour daily, per semester .....$ 4 00
Each additional hour, per semester 2 00
Pipe Organ (College Chapel) 1 hour daily, per semester.... 20 00
Pipe Organ (College Chapel) 2 hours per week, per sem..... 10 00
Two Manual Practice Organ, 1 hour daily, per semester.... 10 00

RULES AND REGULATIONS

No reduction is made for absence from first two lessons of the the term, nor for a subsequent individual absence. In case of long continued illness the loss is shared equally by the College and the student.

Pupils may enter at any time, but for convenience of grading the beginning of each semester is the most desirable time.

In the case of holidays declared by the faculty, no lessons will be given or money refunded.

All sheet music must be paid for when taken.

Students are expected to consult the Director before arranging to take part in any public musical exercise outside of the regular work.

No pupil is allowed to omit lessons without a sufficient cause.

Reports showing attendance, practice, and improvement in grade will be issued at the close of each semester.

For all further information as to any particular course, or combination of courses, rooms, boarding, etc., address

DIRECTOR OF THE CONSERVATORY,
Lebanon Valley College.

ART DEPARTMENT

COURSE OF STUDY FOR CERTIFICATE

First Year—Sketching in pencil geometric solids and various objects.

Memory and quick action drawing.

Principles of Perspective.

Pencil rendering.

Brush drawing in ink.

Elementary Design.

Wash drawing including original composition of landscapes, marine scenes, etc. Also sketching flowers, vegetable forms, and leaves with relation to values, tones, etc.

Second Year—Charcoal drawing from casts.

Painting in water colors from groups of still life, interiors, decorative subjects, flowers, draperies, and out-of-door sketching.

Theory and Harmony of color.

Lettering.

Third Year—Costume Sketch class—pose drawing.

Painting in oils from still life and nature.

Water color.

Historic Ornament.

Study of the Master pieces of Painting and Sculpture.

Teacher's Class—Principles and methods of drawing, lettering, brush work, water color, design and perspective.

Saturday work is offered for teachers and children who cannot take work during the week.

China Painting—Instructions are given in the latest methods of applying designs, which are original. The china is fired in the institution, giving students an opportunity of learing how to fire their own China.

THE CRAFTS

Jewelry—Design and construction of same. Leather Tooling.

Students desiring to graduate must complete two years of College English and History.

REGISTER OF STUDENTS

Seniors

Bachman, Esther Margie ..... Annville, Pa.
Boeshore, Harry F..... Lebanon, Pa.
Boltz, Ammon L..... Lebanon, Pa.
Brunner, Evan C..... Myersville, Md.
Carter, Christine E. ..... Meshoppen, Pa.
Clark, Pauline..... Hershey, Pa.
Colt, Hilda ..... Meshoppen, Pa.
Dasher, Katherine E. .....Harrisburg, Pa.
De Huff, George A. ..... Royersford, Pa.
Donohue, Joseph..... Shamokin, Pa.
Fink, David R. .....Annville, Pa.
Foreman, Harry H. .....Hershey, Pa.
Garver, Mary E. .....Lebanon, Pa.
Gonder, Ralph..... Lykens, Pa.
Gregory, David..... Martinsburg, W. Va.
Hallman, George..... Annville, Pa.
Hand, Naomi W. ..... Philadelphia, Pa.
Harris, E. Kathryn..... Harrisburg, Pa.
Heffelman, Ruth Helen..... New Cumberland, Pa.
Henry, A. Louise..... Annville, Pa.
Herring, John..... Pine Grove, Pa.
Henninger, E. J. ..... Pine Grove, Pa.
Horstick, Charles B. ..... Campbelltown, Pa.
Huber, Ruth Hershey ..... Williamson, Pa.
Hummel, J. Paul..... Hummelstown, Pa.
Kratzer, Clayton C. .....Middleburg, Pa.
Lefever, Rufus H. .....York, Pa.
Long, Abram M. .....Mt. Joy, Pa.
Longenecker, C. R. .....Palmyra, Pa.
Loomis, Charles H. ..... Harrisburg, Pa.
Mutch, M. Ella..... Ephrata, Pa.
Risser, Harold W. ..... Campbelltown, Pa.
Rupp, Russell..... Harrisburg, Pa.
Rutherford, Joseph D. ..... Royalton, Pa.
Schaeffer, Harry E. ..... Avon, Pa.
Sherk, A. Herman..... Annville, Pa.
Showers, Nettie..... Connellsville, Pa.
Spitler, Harry D. ..... Lebanon, Pa.
Umberger, LeRoy O. .....Hummelstown, Pa.
Wagner, Paul S. .....Hershey, Pa.
Wenrich, Martin E. .....Hummelstown, Pa.

White, E. Harold ..... Winsted, Conn.
Williams, E. D. ..... Eutonville, S. C.
Williams, R. Walp ..... York, Pa.
Wolfe, Violet I. ..... Lebanon, Pa.
Woomer, Elizabeth ..... Lebanon, Pa.
Ziegler, Edwin Harold ..... Elizabethville, Pa.

Juniors

Atticks, Robert M. ..... Steelton, Pa.
Beidler, Ada May ..... Lehighton, Pa.
Bender, E. E. ..... Annville, Pa.
Bender, Ruth ..... Dillsburg, Pa.
Berger, John L. ..... Columbia, Pa.
Bortz, Emma ..... Lebanon, Pa.
Brown, Myrl ..... Rouzerville, Pa.
Bucher, Norman B. ..... Mechanicsburg, Pa.
Case, Flora Lewis ..... Canton, Pa.
Deitrich, LeRoy S. ..... Palmyra, Pa.
Engle, Marguerite ..... Harrisburg, Pa.
Fink, Homer ..... Annville, Pa.
Foltz, Thomas ..... Ellwood City, Pa.
Frost, Charles ..... Lebanon, Pa.
Gallatin, M. Elizabeth ..... Annville, Pa.
Gamble, Merab ..... Jersey Shore, Pa.
Garber, Dale W. ..... Florin, Pa.
Gemmill, Charles W. ..... Windsor, Pa.
Gemmill, Edgil ..... York, Pa.
Grube, Ray ..... Lititz, Pa.
Haverstick, George M. ..... New Cumberland, Pa.
Hoover, Helen ..... Chambersburg, Pa.
Hostetter, Herman ..... Cleona, Pa.
Isaac, William High ..... Forty Fort, Pa.
Jackowick, Joseph Anthony ..... Mt. Carmel, Pa.
Kratzer, Ernest P. ..... Middleburg, Pa.
Keibler, Reno E. ..... Annville, Pa.
Keim, Raymond N. ..... Enhaut, Pa.
Kennedy, Coleman Herbert ..... Palmyra, Pa.
Kickline, Ellwood ..... Bangor, Pa.
Klinefelter, Claude B. ..... Cleona, Pa.
Lorenz, Dorothy A. ..... Roaring Spring, Pa.
Loser, Ruth K. ..... Progress, Pa.
Lynch, Clyde A. ..... Harrisburg, Pa.
Martin, William ..... Rouzerville, Pa.
McCauley, Reno E. ..... Annville, Pa.

McConel, William W. ..... Portage, Pa.
Mease, Ralph T. ..... Palmyra, Pa.
Morrison, S. Franklin ..... Palmyra, Pa.
Ness, Rufus R. ..... York, Pa.
Nissley, Raymond ..... Mt. Joy, Pa.
Peck, W. Daniel ..... Chambersburg, Pa.
Potter, Norman ..... Wellsburg, W. Va.
Rarig, Lester G. ..... Catawissa, Pa.
Ruth, Kathryn O. ..... Sinking Spring, Pa.
Schak, Helen M. ..... Lebanon, Pa.
Shannon, Carl ..... Millersville, Pa.
Shannon, Paul ..... Millersville, Pa.
Shettel, Paul O. ..... York, Pa.
Simon, Adam Isaac ..... Schaefferstown, Pa.
Sloat, Ralph L. ..... Rockport, Pa.
Smith, Florence O. ..... Dallastown, Pa.
Smith, E. Mae ..... Annville, Pa.
Snavely, Earl ..... Ramey, Pa.
Snoke, Hubert R. ..... Shippensburg, Pa.
Swartz, Ross ..... Hummelstown, Pa.
Swartz, William K. ..... Middletown, Pa.
Walter, Daniel E. ..... Lebanon, Pa.
Walter, LeRoy ..... Sunbury, Pa.
Williams, Louisa I. ..... York, Pa.
Wingerd, Mark ..... Chambersburg, Pa.
Wrightstone, Harold K. ..... Mechanicsburg, Pa.
Yetter, Harry S. ..... Stevens, Pa.
Yingst, William Paul ..... Lebanon, Pa.
Zeigler, Helen ..... York, Pa.
Zerbe, A. W. ..... Tremont, Pa.

Sophomores

Adams, Thomas ..... Sunbury, Pa.
Allen, Edward ..... Pomfret, Conn.
Attinger, Frank ..... Port Treverton, Pa.
Bachman, Susan ..... Lebanon, Pa.
Baker, Benj. P. ..... Strasburg, Va.
Batdorf, Lottie ..... Womelsdorf, Pa.
Beckley, Howard ..... Lebanon, Pa.
Bechtold, Warren ..... Reading, Pa.
Bender, Ruth ..... Dillsburg, Pa.
Beidel, F. D. ..... Steelton, Pa.
Blauch, Harry ..... Annville, Pa.
Blauch, Morris ..... Annville, Pa.

Bossard, Ada M. .....Annville, Pa.
Bouder, Norman M. .....Lebanon, Pa.
Boughter, Isaac F. .....Pine Grove, Pa.
Boyer, Emma I. .....Reading, Pa.
Bubb, Helen..... Jersey Shore, Pa.
Bunderman, Walter..... Lebanon, Pa.
Castetter, Edward..... Shamokin, Pa.
Creighton, Mary..... Altoona, Pa.
Darcas, Luella..... Lebanon, Pa.
Deibler, Walter E. ..... Millersburg, Pa.
Dundore, Samuel..... Mt. Aetna, Pa.
Early, Martha E. .....Palmyra, Pa.
Evans, William..... Lykens, Pa.
Fasnacht, Anna B. .....Palmyra, Pa.
Fencil, Elizabeth..... Annville, Pa.
Fulford, John..... Clearfield, Pa.
Geyer, Harvey K. .....Florin, Pa.
Gingrich, Kathryn..... Lickdale, Pa.
Gingrich, H. M. .....Florin, Pa.
Greenawalt, Owen P. .....Mt. Joy, Pa.
Haines, Ruth..... Philadelphia, Pa.
Hastings, Edgar C. .....Highspire, Pa.
Heberlig, Raymond S. .....Highspire, Pa.
Hilbert, Paul E. .....Allentown, Pa.
Horn, Charles..... Red Lion, Pa.
Hughes, Ruth..... York, Pa.
Imboden, J. Nissley..... Hershey, Pa.
Jones, Lucia..... Lebanon, Pa.
Kachel, W. H. .....Jonestown, Pa.
Katerman, Harry W. ..... Reinerton, Pa.
Keating, William..... Rome, N. Y.
Kline, Frankie..... Tower City, Pa.
Lenhart, Miriam..... New Cumberland, Pa.
Lerew, J. A. .....Dillsburg, Pa.
Light, A. H. .....Lebanon, Pa.
Lutz, Mary S. .....Chambersburg, Pa.
Mackert, C. LeRoy..... Sunbury, Pa.
Mark, Violet..... Annville, Pa.
McLaughlin ..... York, Pa.
McGinnes, John A. ..... Littlestown, Pa.
Miller, Carrie A. .....Waynesboro, Pa.
Moore, Mabel..... Lancaster, Pa.
Peiffer, L. Wilson..... Myerstown, Pa.

Ramsey, Homer ..... Lemasters, Pa.
Rupp, Paul ..... Harrisburg, Pa.
Schach, Mary ..... Philadelphia, Pa.
Schmidt, Martha V. ..... Lebanon, Pa.
Secrist, Elena ..... Churchville, Va.
Shetter, C. A. ..... York, Pa.
Snavely, Francis ..... Ramey, Pa.
Snyder, Rufus ..... Manheim, Pa.
Snyder, Grace ..... Boiling Springs, Pa.
Stumbaugh, E. M. ..... Greencastle, Pa.
Tschudy, Earl H. ..... Lebanon, Pa.
Wagner, Arthur V. ..... Hershey, Pa.
Weidler, Edna M. ..... Cherry Creek, N. Y.
Wine, Harold ..... Wilmington, Del.
Wingerd, Ray ..... Chambersburg, Pa.
Ziegler, Jesse O. ..... Elizabethville, Pa.

Freshmen

Aungst, Ethel ..... Hummelstown, Pa.
Bachman, Earl ..... Annville, Pa.
Baker, Harry P. ..... Shippensburg, Pa.
Balsbaugh, William ..... Swatara Station, Pa.
Barnhart, Thomas ..... Bellwood, Pa.
Barto, Kathryn ..... Lawn, Pa.
Batdorf, Charles ..... Fredericksburg, Pa.
Behney, Bessie ..... Fredericksburg, Pa.
Baynes, Arthur ..... Rome, N. Y.
Bechtold, Caleb ..... Avon, Pa.
Butler, Frank ..... Reading, Pa.
Cooper, Raymond C. ..... Pottstown, Pa.
Copeland, Earl ..... Mountville, Pa.
Costello, Eugene ..... Hazelton, Pa.
Croman, Ruth A. ..... Hughesville, Pa.
DeHoff, Clyde ..... Littlestown, Pa.
Donmoyer, William ..... Cleona, Pa.
Durburow, Harry R. ..... Highspire, Pa.
Ehrhart, Russell R. ..... Highspire, Pa.
Evans, Ruth ..... Lebanon, Pa.
Fink, Esther ..... Annville, Pa.
Fishburn, Harvey ..... Ephrata, Pa.
Gingrich, Earl ..... Lebanon, Pa.
Gingrich, Jacob ..... Palmyra, Pa.
Goff, Floyd H. ..... Danville, Ill.

Groff, Edward ..... Quarryville, Pa.
Hagy, Solomn ..... Schoeneck, Pa.
Haines, Henry ..... Red Lion, Pa.
Hartman, Charles C. ..... Rouzerville, Pa.
Hastings, Edgar ..... Highspire, Pa.
Heffley, Harvey ..... Schaefferstown, Pa.
Hiney, Helen ..... Jersey Shore, Pa.
Hoffman, Ruth V. ..... Lebanon, Pa.
Hohl, Mae ..... Pitman, Pa.
Holden, Harry E. ..... Philadelphia, Pa.
Houser, Sadie ..... Annville, Pa.
Krall, Howard ..... Avon, Pa.
Koslek, William J. ..... Maltby, Pa.
Lefever, Myrtle ..... York, Pa.
Larew, Ethel A. ..... Dillsburg, Pa.
Light, Elsie M. ..... Lebanon, Pa.
Light, Sara M. ..... Lebanon, Pa.
Light, Mervin P. ..... Annville, Pa.
Mauffair, Helena ..... Lebanon, Pa.
McCauley, Ruby ..... Annville, Pa.
Miller, Raymond ..... Palmyra, Pa.
Morrison, Miles ..... Palmyra, Pa.
Morrow, Robert B. ..... Duncannon, Pa.
Murphy, John ..... Rome, N. Y.
Mutch, Verna A. ..... Ephrata, Pa.
Oliver, J. E. ..... Martinsburg, W. Va.
Price, Wm. ..... Chambersburg, Pa.
Ressler, Barton C. ..... Allentown, Pa.
Rothermel, Pearl ..... Lebanon, Pa.
Rupp, Ethel ..... Harrisburg, Pa.
Saylor, Myrl ..... Annville, Pa.
Schwalm, Stamford ..... Pine Grove, Pa.
Sebastian, Jennie ..... Reading, Pa.
Seltzer, James ..... Middletown, Pa.
Sherk, Cyrus B. ..... Annville, Pa.
Shirk, Violet E. ..... McAllisterville, Pa.
Simondette, A. C. ..... Philadelphia, Pa.
Smith, E. Virginia ..... Reading, Pa.
Snavely, Evelyn L. ..... Ramey, Pa.
Snyder, Myrtle E. ..... Robesonia, Pa.
Spessard, Orville, T. .....E. Waterford, Pa.
Strevy, Beatrice ..... New Albany, Pa.
Stine, C. H. ..... Ft. Hunter, Pa.

Strine, Huber D. ..... Manchester, Pa.
Thornton, Miles ..... Harrisburg, Pa.
Troup, Geo. E. ..... Harrisburg, Pa.
Wagner, Herman ..... Union Deposit, Pa.
Whittle, Myrtle M. ..... Hershey, Pa.
Zeitlin, Dora ..... Lehighton, Pa.
Zerbe, Hobson M. ..... Myerstown, Pa.
Ziegler, William ..... Harrisburg, Pa.

Special Students

Anderson, Edward.....Philadelphia, Pa.
Bauder, Miriam.....Elizabethville, Pa.
Dunkel, Mildred R.....Lucknow, Pa.
Durbin, Frances.....Ramey, Pa.
Fake, Norman I.....Annville, Pa.
Hocker, Harry J.....Hershey, Pa.
Huber, William.....Lebanon, Pa.
Jaeger, Gideon.....Philadelphia, Pa.
Kennedy, William.....Palmyra, Pa.
Klopp, Lewis.....Richland, Pa.
Lynn, Horace ..... Clearfield, Pa.
Maxton, Frank V.....Columbia, Pa.
Muselman, Mrs. J. F.....Lebanon, Pa.
Wagner, M. A. ..... Lebanon, Pa.
Weaver, Elta.....Annville, Pa.
Students in other departments taking work in College..... 8

Academy Students

Athanasian, H. N.....Ismid, Turkey
Arminian, Alvaro L. ..... Camaguey, Cuba
Bomberger, Ruth.....Palmyra, Pa.
Behm, Ellen E.....Palmyra, Pa.
Buckwalter, Russell M.....Portage, Pa.
Burtner, Robert R.....Palmyra, Pa.
Caballero, Abelardo.....Philadelphia, Pa.
Canoles, William S.....Parkton, Md.
Clay, George B.....Quincy, Pa.
Cretzinger, John I.....Duncannon, Pa.
Dupes, Voyle,.....Middletown, Pa.
Engle, Harold, E.....Palmyra, Pa.
Fencil, Calvin F.....Annville, Pa.
Forsburg, Canute H.....Patton, Pa.
Goodyear, William F.....Sunbury, Pa.

Gorton, Albert.....Bradford, Pa.
Gundrun, Myrtle.....Lebanon, Pa.
Hartman, Herbert H.....Wilseyville, Pa.
Hummel, Daniel W. Y.....Clearfield, Pa.
Hummer, Charles L.....West Hanover, Pa.
Kernan, James L. ..... Rome N. Y.
Kirkeby, Solon W.....Lowell, Mass.
Kohler, William F.....Fayetteville, Pa.
Kreider, Katherine P.....Palmyra, Pa.
Landis, Harold U.....Palmyra, Pa.
Looker, Samuel W., Jr.....Harrisburg, Pa.
Martz, E. Warren.....Palmyra, Pa.
Meyer, Sarah L.....Lebanon, Pa.
Moren, Miguel J. ..... Philadelphia, Pa.
McCarty, Francis.....Shamokin, Pa.
Ozar, Jack.....Annville, Pa.
Poorman, Tyrell H.....Highspire, Pa.
Reynolds, Lloyd R.....Quincy, Pa.
Riha, Anthony J.....Easton, Pa.
Rhoad, Edwin M.....Grantville, Pa.
Shearer, John O.....Palmyra, Pa.
Snader, Caleb.....Ephrata, Pa.
Spangler, Roy W. ..... Palmyra, Pa.
Speilman, Allen C.....Waynesboro, Pa.
Stahl, George L.....Sunbury, Pa.
Wheelock, Joel.....West Depew, Wis.
Winneshiek, William P.....Black River Falls, Wis.

Students regularly matriculated in the Academy..... 42
Students from other departments receiving instruction in the Academy 48

Total students in Academy 90

CONSERVATORY OF MUSIC

SENIORS

Arnold, J. Frederick, (Mus. B Degree).....Lebanon, Pa.
Batdorf, A. Luella, (Mus. B).....Lancaster, Pa.
Dare, Julia Rachel, (Piano).....Harrisburg, Pa.
Kettering, Fleeda Marie, (Piano).....Palmyra, Pa.
Linebaugh, Percy Mathias, (Organ and Mus. B).....York, Pa.
Oyer, Miriam Rhea, (Public School Music).....Shippensburg, Pa.
Strickler, Ethel May, (Voice).....Lebanon, Pa.

JUNIORS

Batdorf, Arabelle, (Public School Music) ..... Annville, Pa.
Boeshore, Florence M., (Piano) ..... Lebanon, Pa.
Dare, Julia Rachael, (Organ) ..... Harrisburg, Pa.
Greer, Goodridge M., (Piano) ..... York, Pa.
*Henry, A. Louise, (Public School Music) ..... Annville, Pa.
Kettering, Fleeda M., (Voice) ..... Palmyra, Pa.
Lindsay, M. Jane, (Piano Teacher's Course) ..... Newville, Pa.
Oyer, Miriam Rhea, (Voice) ..... Shippensburg, Pa.
Rhoads, Irma M., (Piano and Organ) ..... Chambersburg, Pa.
Richards, Florence M., (Theory) ..... Lebanon, Pa.
Richwine, Marie Blossom, (Piano and Organ) ..... Ephrata, Pa.
Tittle, Edna, (Piano Teacher's Course) ..... Lebanon, Pa.
Wengert, Sara, (Public School Music) ..... Lebanon, Pa.
Noll, Ruth R., (Piano Teacher's Course) ..... Hershey, Pa.

SOPHOMORES

Bordner, Esther Rebecca, (Piano) ..... Fredericksburg, Pa.
Harrison, Madeline, (Voice) ..... Lebanon, Pa.
Herr, Della, (Piano) ..... Annville, Pa.
Keeney, Martha, (Piano) ..... Hershey, Pa.
Keiper, Miriam, (Piano) ..... Allentown, Pa.
Landgraf, Helen, (Voice) ..... Lebanon, Pa.
Nihiser, Neva Beryl, (Piano and Voice) ..... Hagerstown, Md.
Phillippy, Florence, (Piano) ..... Jonestown, Pa.
*Saylor, Myrle, (Piano) ..... Annville, Pa.
Stine, Josephine, (Piano) ..... Annville, Pa.
Walborn, Carrie, (Piano) ..... Lebanon, Pa.
Witmeyer, Emma, (Organ) ..... Annville, Pa.
Gingrich, Mrs. H. M. (Organ) ..... Lebanon, Pa.

FRESHMEN AND SPECIALS

Auchenbach, Daniel L. ..... Lebanon, Pa.
Brown Belle O., ... Annville, Pa.
Bachman, Fao ..... Annville, Pa.
Bachman, Hilda ..... Annville, Pa.
*Bachman, Esther ..... Annville, Pa.
Barger, Elsie ..... Annville, Pa.
*Bossard, Ada ..... Annville, Pa.
Brubaker, Mark A. ..... Colebrook, Pa.
Colby, P. R., ... Cleona, Pa.
Daugherty, Carl ..... Annville, Pa.
Daugherty, Paul ..... Annville, Pa.

Daugherty, Eva.....Annville, Pa.
Daugherty, Pauline.....Annville, Pa.
DeLong, Elizabeth.....Annville, Pa.
Depew, Leroy.....Lebanon, Pa.
*Durborow, Harry.....Highspire, Pa.
Dullabahn, Serena.....Lebanon, Pa.
Ehrhart, Brandt.....Palmyra, Pa.
Fry, Lucina.....Annville, Pa.
Fry, Esther.....Annville, Pa.
Fry, Kathryn.....Annville, Pa.
Gregory, Thelma.....Annville, Pa.
Graybil, Mrs. Robert.....Annville, Pa.
Gingerich, Harry M.,.....Lebanon, Pa.
Gingerich, John.....Lebanon, Pa.
*Hawthorne, Myrtle.....Bainbridge, Pa.
Haines, Mary.....Red Lion, Pa.
Harnish, Mrs. Edith..... Annville, Pa.
Herr, Meyer.....Annville, Pa.
Herr Harold.....Annville, Pa.
*Hiney, Helen ..... Jersey Shore, Pa.
Heimbach Marie.....Annville, Pa.
*Hilbert Paul.....Allentown, Pa.
Houser, Hilda.....Annville, Pa.
Houser, Mabel.....Lebanon, Pa.
Kettering Josephine.....Annville, Pa.
Kettering Elizabeth.....Annville, Pa.
Kettering, Abigail.....Annville, Pa.
Kettering, Esther.....Annville, Pa.
Kennedy, Hattie May.....Palmyra; Pa.
*Kreider, Kathryn.....Palmyra, Pa.
*Keiser, Harry.....Ravine, Pa.
Laudermilch, Hilda.....Palmyra, Pa.
*Lorenz, Dorothy.....Roaring Springs, Pa.
*Lutz, Mary.....Chambersburg, Pa.
Mader, Lillie.....Annville, Pa.
*Morrison, Myles.....Steelton, Pa.
*Moyer, Ellen.....West Hanover, Pa.
McNelley, Edna ..... Annville, Pa.
Mengel, Miriam.....Hummelstown, Pa.
Milliard, Bennie.....Annville, Pa.
Quigley, Eva.....Palmyra, Pa.
Reber, John.....Fredericksburg, Pa.
Reber, Mark.....Fredericksburg, Pa.
Roemig, Madie.....Annville, Pa.

Roemig, Margaret ..... Annville, Pa.
Saylor, Gardner ..... Annville, Pa.
Speraw, Eva ..... Annville, Pa.
Schaum, Myles ..... Lebanon, Pa.
Sholly, Margaret ..... Annville, Pa.
Sholly, Dorothy ..... Annville, Pa.
Stine, Greta ..... Annville, Pa.
Silberman, Lena ..... Lebanon, Pa.
Silberman, Minnie ..... Lebanon, Pa.
Strickler, Beatrice ..... Lebanon, Pa.
Smith, M. Grace ..... Lebanon, Pa.
Smith, Ida M. ..... Annville, Pa.
Snavely, Kathryn ..... Palmyra, Pa.
Schott, Ella ..... Lebanona, Pa.
Walter, Helen ..... Annville, Pa.
*Wolf, Violet ..... Lebanon, Pa.
Zerbe, Verna ..... Fredericksburg, Pa.
*Zeigler, Jesse ..... Elizabethville, Pa.

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* Taking work in other departments.

Total registration in private lessons 104
Receiving instruction, but not registered for private lessons 36

Total 140

STUDENTS IN ORATORY

SENIOR

*Harris, Kathryn E. ..... Harrisburg, Pa.

SPECIAL

*Beidler, Ada M. ..... Lehighton, Pa.
*Berger, John L. ..... Columbia, Pa.
*Brubaker, Mark ..... Colebrook, Pa.
*Case, Flora Lewis ..... Canton, Pa.
*Clark, Pauline ..... Hershey, Pa.
*Fink, David R., ... Annville, Pa.
*Haverstock, George M. ..... New Cumberland, Pa.
Hawthorne, Myrtle ..... Bainbridge, Pa.
*Heffleman, Ruth H. ..... New Cumberland, Pa.
Hoff, Rena ..... Mt. Wolf, Pa.
*Houser, Sadie ..... Annville, Pa.
*Huber, Ruth H. ..... Williamson, Pa.
*Katerman, Harry W. ..... Reinerton, Pa.

*Kratzer, Clayton C. ..... Middleburg, Pa.
*Kreider, Kathryn ..... Palmyra, Pa.
*Long, Abram M. ..... Mt. Joy, Pa.
*Longnecker, C. R. ..... Palmyra, Pa.
*Lorenze, Dorothy A. ..... Roaring Springs, Pa.
*Mark, Violet K. ..... Annville, Pa.
*McConel, William W. ..... Portage, Pa.
McGovern, Edith ..... Lebanon, Pa.
*Ness, Rufus R. ..... Yoe, Pa.
*Rarig, Lester G. ..... Catawissa, Pa.
Risser, Blanche ..... Campbelltown, Pa.
*Schaak, Helen E. ..... Lebanon, Pa.
Shenk, Lucile ..... Annville, Pa.
*Showers, Nettie ..... Connellsville, Pa.
*Smith, Florence ..... Dallastown, Pa.
Stine, Kathryn ..... Annville, Pa.
*Walter, Daniel ..... Lebanon, Pa.
*White, E. Harold ..... Winsted, Conn.
*Wolf, Florence ..... Lebanon, Pa.

Regular students in Oratory 6
Students matriculated in other departments 27

Total receiving instruction in Oratory 33

ART STUDENTS

Bomberger, Margie ..... Palmyra, Pa.
Buffamoyer, D. A. ..... Lebanon, Pa.
Gingrich, Russell ..... Palmyra, Pa.
*Hoff, Rena ..... Mt. Wolfe, Pa.
*Keizer, Harry ..... Pine Grove, Pa.
Kettering, Violet ..... Annville, Pa.
*Loser, K. Ruth ..... Progress, Pa.
Mark, Rhoda ..... Lebanon, Pa.
Messersmith, Mrs. H. E. ..... Palmyra, Pa.
*Moyer, Ellen ..... West Hanover, Pa.
Page, Flora ..... Lebanon, Pa.
Seltzer, Lucy ..... Lebanon, Pa.
*Weaver, Elta ..... Annville, Pa.

* Taking work in other departments.
Regular students in the Art Department 8
Students taking work in other departments 5

Total in the Art Department 13

DEGREES CONFERRED JUNE 16, 1916

DOCTOR OF DIVINITY

Rev. E. O. Burtner, A. M., B. D. ..... Palmyra, Pa.
Rev. A. R. Clippinger, A. M., B. D. ..... Dayton, Ohio
Rev. Harry E. Miller, A. M. ..... Lebanon, Pa.
Rev. L. W. Stall, A. B. ..... Trafford, Pa.

DOCTOR OF LAWS

Prof. S. D. Faust, A. M. ..... Dayton, Ohio.
Dr. S. Z. Shope, A. M., M. D. ..... Harrisburg, Pa.

MASTER OF ARTS

Prof. Samuel O. Grimm, A. B. ..... Annville, Pa.

BACHELOR OF ARTS

Beaverson, Naomi D.
Bergdoll, Mary A.
Black, Blanche Violet
Blauch, Victor R.
Bodenhorn, Ellwood S.
Crabill, Ralph E.
Curry, Conrad K.
Dando, Harry S.
Daugherty, Mary L.
Daugherty, Myrtle E.
Deitzler, C. J.
Detter, David F.
Ernst, Ira S.
Evans, David J.
Gingrich, Ruth A.
Gruber, E. Viola
Hartz, Robert E.
Heintzelman, Esther
Heintzelman, S. Huber
Hollinger, Joseph K.
Holzinger, Charles H.
Innerst, J. Stuart
Kleffman, Albert Henry
Kreider, Emma M.
Light, Raymond H.
Light, V. Earl
Long, D. Mason
Long, John
March, James G.
Mathias, Josephine S.
McNelly, Willis E.
Mickey, Wm. E.
Moll, Richard M.
Moyer, Esther K.
Myers, Margaret E.
Miller, Nancy Margaret
Oyler, Helen E.
Shearer, Frank S.
Shenberger, Jacob F.
Shonk, Alvin E.
Snyder, Addie
Stambach, C. Guy
Stine, F. L.
Taylor, Ruth M.
Wareheim, Esta
Whiskeyman, Ruth M.
Witmeyer, Paul E.
Zuse, Clayton H.

BACHELOR OF SCIENCE

Pugh, David B. Carl, William C.
Von Bereghy, Marcel

ACADEMY DIPLOMAS PRESENTED JUNE 10, 1916

Hastings, Edgar C. Baker, Harry P.
Sherk, Violet E. Fake, Norman I.
Lynch, Clyde A. Seltzer, James H.
Mulhollen, Oscar C.

Lebanon Valley Scholarship Award

Hastings, Edgar C.

FORMER ERRORS

Catalog January 1916 page 85 under the head BACHELOR OF ARTS ought to appear the name Larene Engle.

Catalog January 1915 page 76 under the head SENIORS ought to appear the name Emma R. Schmauck.

Catalog January 1915 page 87 under the head BACHELOR OF ARTS ought to appear the name of Frank D. Keboch.

SUMMARY

COLLEGE

Seniors	47
Juniors	66
Sophomores	71
Freshmen	76
Specials	15
Total in College	275

College	275
Academy	42
Music	140
Oratory	33
Art	13
Total in all departments	501
Names repeated in Music, Oratory and Art	84
Total enrollment	419

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